

6069

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 <400> 6847
 Ser Gly Ser Xaa Phe Trp Lys Ala Leu Thr Phe Met Ala Val Gly Gly
 1 5 10 15
 Gly Leu Ala Val Ala Gly Leu Pro Ala Leu Gly Phe Thr Gly Ala Gly
 20 25 30
 Ile Ala Ala Asn Ser Val Ala Ala Ser Leu Met Xaa Trp Ser Ala Ile
 35 40 45
 Leu Asn Gly Gly Gly Val Pro Ala Gly Gly Leu Val Ala Thr Leu Gln
 50 55 60
 Ser Leu Gly Ala Gly Gly Ser Lys Val Xaa Ile Xaa Asn Ile Gly Ala
 65 70 75 80
 Leu Met Gly Tyr Ala Thr His Xaa Tyr Leu Asp Ser Glu Glu Asp Xaa
 85 90 95
 Glu Xaa Pro Ala Ala Xaa Xaa Thr Ser Ser Ser Phe Leu Ala
 100 105 110

<210> 6848
 <211> 87
 <212> PRT
 <213> Homo sapiens

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6070

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<400> 6848

His	Leu	Cys	Ala	Glu	Ser	Asp	Ser	Val	Leu	Arg	Val	Thr	Arg	Arg	Gly
1				5					10					15	

Glu	Gln	Ala	Asp	His	Phe	Thr	Gln	Thr	Pro	Leu	Xaa	Pro	Gly	Ser	Gln
			20					25					30		

Val	Leu	Val	Arg	Val	Asp	Trp	Glu	Arg	Arg	Phe	Asp	His	Met	Gln	Gln
		35					40					45			

His	Ser	Gly	Gln	His	Leu	Ile	Thr	Ala	Val	Xaa	Asp	His	Leu	Phe	Lys
	50					55					60				

Leu	Lys	Thr	Thr	Ser	Xaa	Glu	Leu	Gly	Arg	Phe	Arg	Ser	Ala	Ile	Xaa
65					70					75					80

Leu	Asp	Thr	Pro	Ser	Met	Thr
					85	

<210> 6849

<211> 122

<212> PRT

<213> Homo sapiens

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<400> 6849

6071

Asn Pro Ala Leu Glu Leu Lys Arg Ala Thr Trp Leu Asn Ala Glu Lys
 1 5 10 15
 Asn Gly Gln Arg Pro Lys Thr Gln Leu Leu Pro Gln Lys Thr Thr Cys
 20 25 30
 Gln Lys Ile Pro Arg Asn Asn Arg Leu Met Tyr Ile His Ser Tyr Gln
 35 40 45
 Ser Tyr Val Trp Asn Asn Met Val Ser Lys Arg Ile Glu Asp Tyr Gly
 50 55 60
 Leu Asn Leu Phe Gln Gly Thr Ser Xaa Ser Lys Asp Pro Ser Pro Tyr
 65 70 75 80
 Ile Glu Glu Asp Asp Val Ile Ile Thr Leu Xaa Met Met Trp Glu Cys
 85 90 95
 Leu Ala Trp Phe Arg Trp Tyr Leu Pro Gln Ala Leu Lys Phe Lys Lys
 100 105 110
 Pro Thr Gly Lys Cys Ser Gln Leu Thr Ile
 115 120

<210> 6850

<211> 81

<212> PRT

<213> Homo sapiens

<400> 6850

Cys Thr Ile Cys Thr Ala Thr Ser Arg Val Gly Val Ile Gly Ile Gly
 1 5 10 15
 Gly Leu Gly His Ile Ala Ile Lys Leu Leu His Ala Met Gly Cys Glu
 20 25 30
 Val Thr Ala Phe Ser Ser Asn Pro Ala Lys Glu Gln Glu Val Leu Ala
 35 40 45
 Met Gly Ala Asp Lys Val Val Asn Ser Arg Asp Pro Gln Ala Leu Lys
 50 55 60
 Ala Leu Ala Gly Gln Phe Asp Leu Ile Ile Asn Thr Val Asn Val Ser
 65 70 75 80
 Leu

6072

<210> 6851

<211> 48

<212> PRT

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<400> 6851

Ala	Xaa	Xaa	Thr	Glu	Asn	Cys	Lys	Ile	Leu	Met	Thr	Lys	Ile	Lys	Glu
1				5				10					15		

Asp	Ile	Asn	Lys	Trp	Arg	Asn	Ile	Pro	Cys	Ser	Trp	Ile	Gly	Arg	Leu
		20					25					30			

Thr	Leu	Leu	Asn	Cys	His	Phe	Ser	Pro	Asp	Gly	Ser	Thr	Glu	Ser	Thr
		35					40					45			

<210> 6852

<211> 64

<212> PRT

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6073

<400> 6852

Ala Ala Ala Ala Ala Arg Arg Asp Ala Ala Glu Val Phe Leu Val Ser
1 5 10 15
Asp Pro Ser Gly Arg Met Val Lys Ser Ser Leu Gln Arg Ile Leu Asn
20 25 30
Ser His Cys Phe Ala Arg Glu Lys Glu Gly Asp Lys Pro Ser Ala Thr
35 40 45
Ile His Ala Xaa Arg Thr Met Pro Leu Leu Ser Leu His Xaa Pro Xaa
50 55 60

<210> 6853

<211> 106

<212> PRT

<213> Homo sapiens

<400> 6853

Lys Gln Ser Pro Glu Leu Val Lys Lys His Lys Lys Lys Arg Val Val
1 5 10 15
Pro Lys Lys Pro Pro Pro Ser Pro Gln Pro Thr Gly Lys Ile Glu Ile
20 25 30
Lys Ile Val Arg Pro Trp Ala Glu Gly Thr Glu Glu Gly Ala Arg Trp
35 40 45
Leu Thr Asp Glu Asp Thr Arg Asn Leu Lys Glu Ile Phe Phe Asn Ile
50 55 60
Leu Val Pro Gly Ala Glu Glu Ala Gln Lys Glu Arg Gln Arg Gln Lys
65 70 75 80
Glu Leu Glu Ser Asn Tyr Arg Arg Val Trp Gly Ser Pro Gly Gly Glu
85 90 95
Gly Thr Gly Asp Leu Asp Glu Phe Asp Phe
100 105

<210> 6854

<211> 44

<212> PRT

<213> Homo sapiens

6074

<400> 6854

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Asn Arg Leu Phe Arg Lys Ser Cys Thr Ser Leu Lys Phe Leu Thr Phe
 1             5             10             15

Thr Cys Phe Phe Gln Ser Tyr Leu Tyr Gln Ile Leu Gln Gly Ile Val
          20             25             30

Phe Cys His Ser Arg Arg Val Leu His Arg Asp Leu
      35             40

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<210> 6855

<211> 82

<212> PRT

<213> Homo sapiens

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<400> 6855

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Ala Arg Ala Glu Phe Gly Thr Ser Gly Thr Ser Lys Gly Ser Cys Phe
 1             5             10             15

His Arg Ile Ile Pro Gly Phe Met Cys Gln Gly Gly Asp Phe Thr Arg
          20             25             30

His Asn Gly Thr Gly Gly Lys Ser Ile Tyr Gly Glu Lys Phe Glu Asp
      35             40             45

Xaa Asn Phe Ile Leu Lys His Thr Gly Pro Gly Ile Leu Ser Met Ala
      50             55             60

Asn Ala Gly Pro Asn Thr Asn Gly Ser Gln Phe Phe Ile Cys Thr Ala
      65             70             75             80

Gln Asp

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<210> 6856

<211> 32

<212> PRT

<213> Homo sapiens

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<400> 6856

Val	Asn	Ser	Leu	Pro	Gly	Ser	Pro	Asp	Leu	Val	Asp	Tyr	Thr	Leu	Ser
1				5				10						15	

Xaa	Pro	Ala	Arg	Ala	Xaa	Xaa	Thr	Xaa	Arg	Thr	Arg	Gly	Gly	Thr	His
			20					25					30		

<210> 6857

<211> 69

<212> PRT

<213> Homo sapiens

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<400> 6857

6076

Ile Gly Gly Xaa Ile Pro Ala Gly Pro Gln Cys Thr Leu Val Ser Arg
 1 5 10 15
 Ala Pro Gln Thr Leu Lys Met Asp Glu Leu Leu Ala Glu Met Gln Gln
 20 25 30
 Thr Xaa Glu Ser Asn Phe Leu Gln Ala Pro Gln Arg Ala Pro Gly Val
 35 40 45
 Xaa Asp Leu Ala Leu Ser Glu Asn Trp Ala Gln Ser Asp Leu Gln Leu
 50 55 60
 Glu Met Leu Trp Met
 65

<210> 6858

<211> 127

<212> PRT

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<400> 6858

Leu Trp Arg Val Trp Gly Ala Glu Pro Arg Ala Pro Val Gly Pro Leu
 1 5 10 15
 Leu Trp Arg Trp Ala Gln Pro Gly Ala Ala Ser Phe Glu Gly Arg Arg
 20 25 30
 Asp Leu Phe Lys Gly Val Glu Thr Gly Arg Lys Arg Pro Arg Leu Gly
 35 40 45
 Phe Gln Gly Ala Gly Asn Val Asn Arg Arg Leu Ala Cys Pro Leu Thr
 50 55 60
 Val Ala Pro Ser Ser Pro Arg Lys Met Phe Ser Ser Val Ala His Leu

6077

65		70		75		80									
Ala	Arg	Ala	Asn	Pro	Phe	Asn	Thr	Pro	His	Leu	Gln	Leu	Val	His	Asp
			85					90						95	
Gly	Leu	Gly	Asp	Leu	Arg	Ser	Xaa	Xaa	Pro	Gly	Pro	Thr	Gly	Xaa	Pro
			100					105					110		
Arg	Arg	Leu	Ala	Thr	Cys	Ser	Arg	Arg	Arg	Gly	Arg	Val	Gln	Leu	
		115					120					125			

<210> 6859

<211> 113

<212> PRT

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<400> 6859

Ile Arg His Xaa Val Lys Arg Gly Leu Val Leu Arg Asn Glu Lys Cys
1 5 10 15

Asn Glu Asn Tyr Thr Thr Asp Phe Ile Phe Asn Leu Tyr Ser Glu Glu
20 25 30

Gly Lys Gly Ile Phe Asp Ser Arg Xaa Asn Val Leu Gly His Met Gln
35 40 45

Gln Gly Gly Ser Pro Thr Pro Phe Asp Arg Asn Phe Ala Thr Lys Met
50 55 60

Gly Ala Lys Ala Met Asn Trp Xaa Ser Gly Lys Ile Lys Lys Asn Tyr
65 70 75 80

Arg Asn Gly Arg Ile Phe Ala Xaa Thr Pro Xaa Pro Ala Leu Phe Leu
85 90 95

Gly Tyr Leu Lys Xaa Leu Val Phe Xaa Gln Trp Leu Thr Glu Arg Gln
100 105 110

Xaa

<210> 6860

<211> 70

<212> PRT

<213> Homo sapiens

<400> 6860

Met Glu Arg Gly Lys Ile Gln Val Ser Thr Asp Phe Ala Met Gln Asn
1 5 10 15

Val Leu Leu Gln Met Gly Leu His Val Leu Ala Val Asn Gly Met Leu
20 25 30

Ile Arg Glu Ala Arg Ser Tyr Ile Leu Arg Cys His Gly Cys Phe Lys
35 40 45

Thr Thr Ser Asp Met Ser Arg Val Phe Cys Ser His Cys Gly Asn Lys
50 55 60

6079

Thr Leu Lys Lys Cys Pro
65 70

<210> 6861

<211> 89

<212> PRT

<213> Homo sapiens

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<400> 6861

Val Ala Pro Thr Gly Pro Met Ala Ala Pro Gly Ala Pro Ala Glu Tyr
1 5 10 15

Gly Tyr Ile Arg Thr Val Leu Gly Gln Gln Ile Leu Gly Gln Leu Asp
20 25 30

Ser Ser Ser Leu Ala Leu Pro Ser Glu Ala Lys Leu Lys Leu Ala Gly
35 40 45

Ser Ser Gly Arg Gly Gly Gln Thr Val Lys Ser Leu Arg Ile Gln Glu
50 55 60

Gln Val Gln Gln Thr Leu Xaa Arg Lys Ala Ala Ala Pro Trp Ala Thr
65 70 75 80

Glu Ile Phe Thr Glu Pro Ala Val Phe
85

<210> 6862

<211> 90

<212> PRT

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<400> 6862
Ser Xaa Arg Phe Gly Thr Arg Arg Gly Ser Ser His Leu Ser Gln Trp
1 5 10 15
Leu Asn Asn Xaa Phe Ala Leu Pro Phe Ser Xaa Met Ala Ser Xaa Leu

6081

20 25 30
 Asp Met Ser Xaa Val Val Gly Ala Gly Xaa Lys His Thr Pro Asp Ser
 35 40 45
 Xaa Asn Lys Cys Ser Xaa Trp Gly Leu Cys His Lys Leu His Arg Ser
 50 55 60
 Leu Ser Ser Pro Xaa Ala Ser Gly Lys Xaa Leu Gln Leu His Ser His
 65 70 75 80
 His Pro Val Pro Gln Lys Arg Xaa Pro Ile
 85 90

<210> 6863

<211> 138

<212> PRT

<213> Homo sapiens

<400> 6863

Ser Asp Ser Asp Lys Glu Trp Ile Ala Ala Leu Arg Arg Lys Tyr Arg
 1 5 10 15
 Ser Arg Glu Gln Thr Leu Ser Ser Ser Gly Glu Ser Trp Glu Thr Leu
 20 25 30
 Pro Gly Lys Glu Glu Arg Glu Pro Pro Gln Ala Lys Val Ser Ala Ser
 35 40 45
 Thr Gly Thr Ser Pro Gly Pro Gly Ala Ser Ala Ser Ala Gly Ala Gly
 50 55 60
 Ala Gly Ala Asn Ala Gly Ser Asn Gly Ser Asn Tyr Leu Glu Glu Val
 65 70 75 80
 Arg Glu Pro Ser Leu Gln Glu Glu Gln Ala Ser Leu Glu Glu Gly Glu
 85 90 95
 Ile Pro Trp Leu Gln Tyr His Glu Asn Asp Ser Ser Ser Glu Gly Asp
 100 105 110
 Asn Asp Ser Gly His Glu Leu Met Gln Pro Gly Val Phe Met Leu Asp
 115 120 125
 Gly Asn Thr Thr Leu Lys Met Thr Ser Val
 130 135

6082

<210> 6864
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 <212> PRT
 <213> Homo sapiens

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<400> 6864
 Val Phe Xaa Gln Phe Asn Gly Lys Arg Cys Thr Asp Ala Val Gly Asp
 1 5 10 15
 Arg Arg Gln Cys Val Pro Thr Glu Pro Cys Glu Asp Ala Glu Asp Asp
 20 25 30
 Cys Gly Asn Asp Phe Gln Cys Ser Thr Gly Arg Cys Ile Lys Met Arg
 35 40 45
 Leu Arg Cys Asn Gly Asp Asn Asp Cys Gly Asp Phe Ser Asp Glu Asp
 50 55 60
 Asp Cys Glu Ser Glu Pro Arg Pro Pro Cys Arg Asp Arg Val Val Glu
 65 70 75 80
 Glu Ser Glu Leu Ala Leu Thr Ala Gly Tyr Gly Ile Asn Ile Leu Gly
 85 90 95
 Met Asp Pro Leu Ser Thr Pro Phe Asp Asn Glu Phe Tyr Asn Gly Leu
 100 105 110
 Cys Asn Arg Asp Arg Asp Gly Asn Thr Leu Thr Tyr Tyr Arg Arg Pro
 115 120 125
 Trp Asn Val Ala Ser Leu Ile Tyr Glu Thr Lys Gly Glu Lys Asn Phe

6083

130 135 140
 Xaa Thr Glu His Ser Xaa Asn Lys Leu Xaa His Leu Lys Val Ser
 145 150 155

 <210> 6865
 <211> 86
 <212> PRT
 <213> Homo sapiens

 <400> 6865
 Lys Asn Ser Ser Glu Gly Asn Lys His His Lys Ser Thr Pro Leu Leu
 1 5 10 15

 Ile His Cys Arg Asp Gly Ser Gln Gln Thr Gly Ile Phe Cys Ala Leu
 20 25 30

 Leu Asn Leu Leu Glu Ser Ala Glu Thr Glu Glu Val Val Asp Ile Phe
 35 40 45

 Gln Val Val Lys Ala Leu Arg Lys Ala Arg Pro Gly Met Val Ser Thr
 50 55 60

 Phe Glu Gln Tyr Gln Phe Leu Tyr Asp Arg His Cys Gln His Leu Pro
 65 70 75 80

 Cys Ser Glu Trp Thr Arg
 85

<210> 6866
 <211> 53
 <212> PRT
 <213> Homo sapiens

 <400> 6866
 Ile Arg Val Asn Ala Val Asn Pro Thr Val Val Met Thr Ser Met Gly
 1 5 10 15

 Gln Ala Thr Trp Ser Asp Pro His Lys Ala Lys Thr Met Leu Asn Arg
 20 25 30

 Ile Pro Leu Gly Lys Phe Ala Glu Val Glu His Val Val Asn Gly Ile
 35 40 45

 Leu Phe Leu Leu Ser
 50

6084

<210> 6867
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<400> 6867
 Thr Met Xaa Phe Phe Lys Ile Leu Arg Gly Gln Asp His Cys Gly Xaa
 1 5 10 15
 Glu Ser Glu Val Val Ala Gly Ile Pro Arg Thr Asp Gln Tyr Trp Glu
 20 25 30

Lys Ile

<210> 6868
 <211> 78
 <212> PRT
 <213> Homo sapiens

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6085

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 <400> 6868
 His Ile Xaa Ala Pro Ala Ala Xaa Pro Lys Ala Thr Pro Ile Thr Thr
 1 5 10 15

 Pro Trp Pro Gly Gly Asn Ala Tyr Ile Asp Asn Leu Xaa Ala Asp Gly
 20 25 30

 Asp Leu Xaa Glu Arg Gly Ile Val Ala Thr Arg Thr Arg Xaa Pro Ser
 35 40 45

 Gly Arg Xaa Pro Arg Xaa Thr Xaa Xaa Xaa Leu Thr Gln Ala Glu Val
 50 55 60

 Val Ser Trp Leu Ala Lys Thr Gly Lys Phe Tyr Phe Asn Gly
 65 70 75

6086

<210> 6869
 <211> 86
 <212> PRT
 <213> Homo sapiens

<400> 6869

Lys Arg Gly His Tyr Gly Val Gln Arg Thr Glu Leu Leu Pro Gly Asp
 1 5 10 15

Arg Asp Asn Leu Ala Ile Gln Thr Arg Gly Gly Pro Glu Lys His Glu
 20 25 30

Val Thr Gly Trp Val Leu Val Ser Pro Leu Ser Lys Glu Asp Ala Gly
 35 40 45

Glu Tyr Glu Cys His Ala Ser Asn Ser Gln Gly Gln Ala Ser Ala Ser
 50 55 60

Ala Lys Ile Thr Val Val Asp Ala Leu His Glu Ile Pro Val Lys Lys
 65 70 75 80

Gly Glu Gly Ala Glu Leu
 85

<210> 6870
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<220>
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<400> 6870

Asp	Arg	Glu	Gln	Lys	Ser	Tyr	Arg	Gly	His	Ser	Lys	Gln	Gln	His	His
1				5					10					15	

Val	Thr	Thr	Lys	Asp	Leu	His	Leu	Lys	Leu	Asn	Thr	Glu	Cys	Ser	Ile
			20					25					30		

Ser	Thr	Asp	Ser	Lys	Gly	Phe	Pro	Lys	Asn	Ile	Thr	Asn	Asn	Arg	Gly
		35					40					45			

Lys	Lys	Arg	Tyr	Pro	Asp	Ser	Lys	Asp	Leu	Thr	Met	Val	Leu	Lys	Thr
	50					55					60				

Tyr	Asp	Thr	Ser	Phe	Leu	Asp	Phe	Leu	Gln	Lys	Val	Phe	Gly	Met	Gly
65					70					75					80

Asn	Leu	Ser	Leu	Ser	His	Gly	Pro	Arg	Asp	Gln	Ala	Leu	Gln	Ala	Trp
				85					90					95	

Leu	Gly	Ile	Pro	Ser	Val	Phe	Gly	Asn	Leu	Gln	Ala	Thr	Ala	Gln	Ala
			100					105					110		

Pro	Asp	Pro	Gly	Gly	Xaa	Ser	Xaa	Phe	Leu	Phe	Xaa	Pro	Leu	Gly	Asp
		115					120					125			

Lys	Gly	Arg	Asp	Lys	Val	Ser	Arg	Val	Val	Ile	His	Ser	Glu	Gln	Xaa
	130					135					140				

Arg	Gln	Met	Glu	Ile	Xaa	Pro	Lys	Gly	Xaa	Pro	Gly	Glu	Thr	Lys	
145					150					155					

<210> 6871

<211> 103

<212> PRT

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6088

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<400> 6871

Gly	Xaa	Trp	Gly	Ile	Ser	Pro	Arg	Gly	Ala	Gly	Tyr	Thr	Phe	Gly	Gln
1				5				10						15	

Asp	Ile	Ser	Glu	Thr	Phe	Asn	His	Ala	Asn	Gly	Leu	Thr	Leu	Val	Ser
			20					25					30		

Arg	Ala	His	Gln	Leu	Val	Met	Glu	Gly	Tyr	Asn	Trp	Cys	His	Asp	Arg
		35						40				45			

Asn	Val	Val	Thr	Ile	Phe	Ser	Ala	Pro	Asn	Tyr	Cys	Tyr	Arg	Cys	Gly
	50					55					60				

Asn	Gln	Ala	Ala	Ile	Met	Glu	Leu	Asp	Asp	Thr	Leu	Lys	Tyr	Ser	Phe
65					70					75					80

Leu	Gln	Phe	Asp	Pro	Ala	Pro	Arg	Arg	Gly	Glu	Pro	His	Val	Thr	Arg
				85					90					95	

Xaa	Thr	Pro	Asp	Tyr	Phe	Leu
						100

<210> 6872

<211> 64

<212> PRT

<213> Homo sapiens

<400> 6872

Tyr	Ile	Ala	Ala	Cys	Leu	Leu	Leu	Tyr	Leu	Ser	Asp	Thr	Ile	Ser	Pro
1				5				10						15	

Glu	Gln	Ala	Ile	Asp	Ser	Leu	Arg	Asp	Leu	Arg	Gly	Ser	Gly	Ala	Ile
			20					25					30		

Gln	Thr	Ile	Lys	Gln	Tyr	Asn	Tyr	Leu	His	Glu	Phe	Arg	Asp	Lys	Leu
		35					40					45			

Ala	Ala	His	Leu	Ser	Ser	Arg	Asp	Ser	Gln	Ser	Arg	Ser	Val	Ser	Arg
		50					55				60				

6089

<210> 6873

<211> 90

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (82)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (84)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (89)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6873

Ile	Thr	His	Gln	Ile	Arg	Val	Leu	Arg	Leu	Thr	Trp	Val	Leu	Val	Trp
1				5					10					15	

Asn	Val	Leu	Leu	Val	Gln	Trp	Glu	Arg	Val	Leu	Lys	Val	Phe	His	Tyr
			20					25					30		

Phe	Glu	Ser	Asn	Ser	Glu	Pro	Thr	Thr	Trp	Ala	Ser	Ile	Xaa	Arg	His
		35					40					45			

Gly	Asp	Ala	Thr	Asp	Val	Arg	Gly	Ile	Ile	Gln	Lys	Ile	Val	Asp	Ser
	50					55					60				

His	Lys	Xaa	Lys	His	Cys	Gly	Leu	Leu	Trp	Ile	Pro	Ala	Ser	Val	Pro
65					70					75					80

Cys	Xaa	Gln	Xaa	Glu	Gly	Ser	Leu	Xaa	Ser
				85					90

6090

<210> 6874

<211> 76

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (51)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6874

Arg Ser Phe Gln Glu Tyr Met Ala Gln Met Glu Lys Lys Leu Glu Glu
 1 5 10 15

Glu Arg Glu Asn Leu Leu Arg Glu His Glu Arg Leu Leu Lys His Lys
 20 25 30

Leu Lys Val Gln Glu Glu Met Leu Lys Glu Glu Phe Gln Lys Lys Ser
 35 40 45

Glu Gln Xaa Asn Lys Glu Ile Asn Gln Leu Lys Glu Lys Ile Glu Ser
 50 55 60

Thr Lys Asn Glu Gln Val Lys Ala Leu Lys Asp Pro
 65 70 75

<210> 6875

<211> 53

<212> PRT

<213> Homo sapiens

<400> 6875

Pro Arg Val Arg Leu Gly Phe Phe Glu Gly Ser Val Leu Phe Pro Glu
 1 5 10 15

Pro Leu Thr Trp Met Asp Lys Leu Val Val Glu Tyr Ala Asn Ala Ile
 20 25 30

Cys Gln Trp Glu Arg Asn Lys Leu Gln Cys Ser Asp Thr Glu Gln Val
 35 40 45

Glu Ala Asp Leu Glu
 50

6091

<210> 6876
 <211> 84
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (6)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (40)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 6876
 Gly Pro Ala Gln Ala Xaa Phe Lys Phe Pro Gly Arg Gln Lys Ile His
 1 5 10 15
 Ile Ser Lys Lys Trp Gly Phe Thr Lys Phe Asn Ala Asp Glu Phe Glu
 20 25 30
 Asp Met Val Ala Glu Lys Arg Xaa Ala Ser Gln Met Ala Val Gly Ser
 35 40 45
 Ser Thr Ser Pro Val Val Gly Pro Leu Gly Gln Val Ala Gly Pro Ala
 50 55 60
 Leu His Gly Gly Leu Ser Asn Val Leu Ala Pro Leu Leu Asn Thr Ser
 65 70 75 80
 Pro Ile Lys Phe

<210> 6877
 <211> 58
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (2)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (45)
 <223> Xaa equals any of the naturally occurring L-amino acids

6092

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6877

Ile	Xaa	Ser	Glu	Leu	Tyr	Val	Arg	Pro	Asp	Asp	Val	His	Val	Asn	Ile
1				5					10					15	

Arg	Leu	Val	Glu	Leu	Tyr	Arg	Ser	Thr	Lys	Arg	Leu	Lys	Asp	Ala	Val
			20					25					30		

Ala	His	Cys	His	Glu	Ala	Arg	Arg	Asn	Ile	Ala	Leu	Xaa	Xaa	Lys	Phe
		35						40					45		

Arg	Val	Glu	Phe	Val	Cys	Cys	Thr	Asp	Pro
	50						55		

<210> 6878

<211> 83

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (74)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (77)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6878

Thr	Gly	Val	Asp	Ser	Gly	Gly	Ala	Ala	Arg	Arg	Asp	Met	Arg	Leu	Ser
1				5					10					15	

Trp	Phe	Arg	Val	Leu	Thr	Val	Leu	Ser	Ile	Cys	Leu	Ser	Ala	Val	Ala
			20					25					30		

Thr	Ala	Thr	Gly	Ala	Glu	Gly	Lys	Arg	Lys	Leu	Gln	Ile	Gly	Val	Lys
		35					40					45			

Lys	Arg	Val	Asp	His	Cys	Pro	Ile	Lys	Ser	Arg	Lys	Gly	Asp	Val	Leu
	50						55				60				

His	Met	His	Tyr	Thr	Gly	Lys	Leu	Glu	Xaa	Gly	Thr	Xaa	Phe	Asp	Ser
65						70				75					80

6093

Ser Leu Pro

<210> 6879

<211> 102

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6094

<221> SITE
 <222> (56)
 <223> Xaa equals any of the naturally occurring L-amino acids

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 <223> Xaa equals any of the naturally occurring L-amino acids

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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (65)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (73)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (96)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 6879

Gly Arg Asp Pro Val Arg Ala Pro Ala Pro Ser Asn Xaa Gly Gly Pro
 1 5 10 15

Glu Pro Xaa Trp Arg Ser Pro Xaa Pro Leu Ser Ala Ser Leu His Xaa
 20 25 30

Thr Ser Pro His Pro Xaa Gly Leu Trp Thr Thr Thr Xaa Xaa Arg Ala
 35 40 45

Xaa Ala Gly Arg Gly Gly Ala Xaa Gly Pro Xaa Gly Pro Xaa Xaa Gly
 50 55 60

Xaa Lys Ile Cys Gln Phe Lys Leu Xaa Leu Leu Gly Glu Ser Ser Val
 65 70 75 80

Gly Lys Ser Ser Leu Val Leu Arg Phe Phe Lys Gly Gln Phe Tyr Xaa

6095

85

90

95

Tyr His Glu Ser Thr Ile
100

<210> 6880

<211> 69

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6880

Ala Leu Glu Met Leu Leu Ala Ala Trp Gly Lys Ser Ser Leu Thr Ile
1 5 10 15

Gln Phe Val Glu Gly Gln Phe Val Asp Ser Tyr Asp Pro Thr Ile Glu
20 25 30

Asn Thr Phe Thr Lys Leu Ile Thr Val Lys Trp Thr Xaa Leu Ser Cys
35 40 45

Xaa Thr Cys Arg His Ser Arg Ala Lys Met Asn Ile Leu Ser Phe Pro
50 55 60

Ser Gly His Thr Pro
65

<210> 6881

<211> 43

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6096

<221> SITE
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (38)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (42)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 6881
 Thr Leu Arg Pro Thr Gln Thr Xaa Asn Xaa Tyr Tyr Cys Ala Arg His
 1 5 10 15
 Thr Asn Gln Xaa His Pro Xaa Tyr Arg Met Lys Arg Trp Ile Asp Pro
 20 25 30
 Trp Gly Xaa Gly Thr Xaa Val Thr Asp Xaa Ser
 35 40

<210> 6882
 <211> 61
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (42)
 <223> Xaa equals any of the naturally occurring L-amino acids

6097

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6882

Arg	Arg	Ile	Lys	Asp	Phe	Leu	Leu	Thr	Ala	Arg	Arg	Lys	Asp	Ala	Lys
1				5					10					15	

Ser	Val	Lys	Ile	Lys	Lys	Asn	Lys	Asp	Asn	Val	Lys	Phe	Lys	Val	Arg
			20					25					30		

Cys	Ser	Arg	Tyr	Leu	Tyr	Thr	Leu	Val	Xaa	Thr	Asp	Lys	Glu	Lys	Ala
		35					40					45			

Xaa	Lys	Leu	Lys	Gln	Ser	Leu	Pro	Pro	Arg	Phe	Ala	Gln
	50					55					60	

<210> 6883

<211> 103

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6098

<221> SITE
 <222> (83)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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 <222> (91)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
 <221> SITE
 <222> (93)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
 <221> SITE
 <222> (94)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
 <221> SITE
 <222> (100)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 6883
 Gln Asp Gln Gly Glu Lys Glu Asn Pro Met Arg Glu Leu Arg Ile Arg
 1 5 10 15
 Lys Leu Cys Xaa Asn Ile Cys Val Gly Glu Ser Gly Xaa Arg Leu Thr
 20 25 30
 Arg Ala Ala Lys Val Xaa Glu Gln Leu Thr Gly Gln Thr Xaa Val Xaa
 35 40 45
 Ser Lys Ala Arg Tyr Thr Val Arg Ser Phe Gly Ile Arg Arg Asn Glu
 50 55 60
 Lys Ile Ala Val His Cys Thr Val Leu Gly Ala Lys Ala Glu Glu Ile
 65 70 75 80
 Leu Glu Xaa Gly Leu Lys Val Arg Glu Tyr Xaa Leu Xaa Xaa Asn Asn
 85 90 95
 Phe Ser Asp Xaa Gly Asn Phe
 100

 <210> 6884
 <211> 102
 <212> PRT

6099

<213> Homo sapiens

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (66)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (69)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (72)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (73)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (84)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (100)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6884

Phe	Ala	Lys	Met	Thr	Asn	Thr	Lys	Gly	Lys	Arg	Arg	Gly	Thr	Arg	Tyr
1				5					10					15	

Met	Phe	Ser	Arg	Pro	Phe	Xaa	Lys	His	Gly	Val	Val	Pro	Leu	Ala	Thr
			20					25					30		

Tyr	Met	Arg	Ile	Tyr	Lys	Lys	Gly	Asp	Ile	Val	His	Ile	Lys	Gly	Met
			35				40						45		

6100

Gly Thr Val Xaa Lys Gly Met Pro His Lys Cys Tyr His Gly Ile Thr
 50 55 60

Gly Xaa Val Tyr Xaa Val Thr Xaa Xaa Ala Val Gly Ile Val Val Asn
 65 70 75 80

Lys Gln Val Xaa Gly Lys Ile Leu Ala Lys Arg Ile Asn Val Arg Ile
 85 90 95

Glu His Ile Xaa His Ser
 100

<210> 6885

<211> 155

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6885

Xaa Pro Lys Ala Lys Lys Glu Ala Pro Ala Pro Pro Lys Ala Glu Ala
 1 5 10 15

Lys Ala Lys Ala Leu Lys Ala Lys Lys Ala Val Leu Lys Gly Val His
 20 25 30

Ser His Lys Lys Lys Lys Ile Arg Thr Ser Pro Thr Phe Arg Arg Pro
 35 40 45

Lys Thr Leu Arg Leu Arg Arg Gln Pro Lys Tyr Pro Arg Lys Ser Ala
 50 55 60

Pro Arg Arg Asn Lys Leu Asp His Tyr Ala Ile Ile Lys Phe Pro Leu
 65 70 75 80

Thr Thr Glu Ser Ala Met Lys Lys Ile Glu Asp Asn Asn Thr Leu Val
 85 90 95

Phe Ile Val Asp Val Lys Ala Asn Lys His Gln Ile Lys Gln Ala Val
 100 105 110

Lys Lys Leu Tyr Asp Ile Asp Val Ala Lys Val Asn Thr Leu Ile Arg
 115 120 125

Pro Asp Gly Glu Lys Lys Ala Tyr Val Arg Leu Ala Pro Asp Tyr Asp

6101

130 135 140

Ala Leu Asp Val Ala Asn Lys Ile Gly Ile Ile
 145 150 155

<210> 6886
 <211> 37
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (4)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (18)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (23)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (24)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (30)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 6886
 Asn Leu Gly Xaa Trp Cys Leu Ser Trp Leu Gly Arg Tyr Ser Gly Arg
 1 5 10 15
 Lys Xaa Val Ile Val Lys Xaa Xaa Asp Asp Gly Thr Ser Xaa Arg Pro
 20 25 30
 Tyr Ser His Ala Leu
 35

<210> 6887
 <211> 143

6102

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (136)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (138)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (140)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6887

Met	Ile	Thr	Pro	Phe	Leu	Ile	Arg	Leu	Xaa	Ile	Gly	Lys	Ala	Gly	Thr
1				5					10					15	

Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Arg	Pro	Val
			20						25				30		

Ala	Ala	Ala	Glu	Gly	Ala	Ala	Ala	Met	Ser	Ala	His	Leu	Gln	Trp	Met
		35					40					45			

Val	Val	Arg	Asn	Cys	Ser	Ser	Phe	Leu	Ile	Lys	Arg	Asn	Lys	Gln	Thr
	50					55					60				

Tyr	Ser	Thr	Glu	Pro	Asn	Asn	Leu	Lys	Ala	Arg	Asn	Ser	Phe	Arg	Tyr
65					70					75					80

Asn	Gly	Leu	Ile	His	Arg	Lys	Thr	Val	Gly	Trp	Ser	Arg	Gln	Pro	Thr
				85					90					95	

Gln	Ser	Ser	Gly	Gly	Ser	Leu	Thr	Glu	Ser	Gly	Thr	Glu	Pro	Ala	Thr
			100					105					110		

Pro	Met	Cys	Asp	Thr	Ser	Thr	Asp	Val	Arg	Pro	Ser	His	Ser	Thr	Tyr
		115					120					125			

Pro	Lys	His	Thr	Pro	Leu	Pro	Xaa	His	Xaa	Ala	Xaa	Ser	Pro	Gln	
	130					135						140			

6103

<210> 6888

<211> 46

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

6104

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6888

His	Glu	Arg	Lys	Glu	Gly	Xaa	Arg	Xaa	Xaa	Xaa	Arg	Xaa	Phe	Xaa	His
1				5				10					15		

Gln	Arg	Met	Ile	Thr	Arg	Glu	Tyr	Xaa	Ile	Asn	Ile	His	Asn	Arg	Ile
			20					25					30		

His	Xaa	Val	Gly	Phe	Lys	Xaa	Arg	Ala	Pro	Arg	Ala	Leu	Xaa
	35						40					45	

<210> 6889

<211> 159

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6889

Xaa	Xaa	Thr	Xaa	Thr	Leu	Thr	Lys	Gly	Asn	Lys	Ser	Trp	Ser	Ser	Thr
1				5				10					15		

Ala	Val	Ala	Ala	Ala	Leu	Glu	Leu	Val	Asp	Pro	Pro	Gly	Cys	Arg	Asn
			20					25					30		

Ser	Ala	Arg	Gly	Cys	Leu	Gln	Ala	Leu	Arg	Met	Val	Gln	Arg	Leu	Thr
		35					40					45			

Tyr	Arg	Arg	Arg	Leu	Ser	Tyr	Asn	Thr	Ala	Ser	Asn	Lys	Thr	Arg	Leu
	50						55					60			

6105

Ser Arg Thr Pro Gly Asn Arg Ile Val Tyr Leu Tyr Thr Lys Lys Val
 65 70 75 80

Gly Lys Ala Pro Lys Ser Ala Cys Gly Val Cys Pro Gly Arg Leu Arg
 85 90 95

Gly Val Arg Ala Val Arg Pro Lys Val Leu Met Arg Leu Ser Lys Thr
 100 105 110

Lys Lys His Val Ser Arg Ala Tyr Gly Gly Ser Met Cys Ala Lys Cys
 115 120 125

Val Arg Asp Arg Ile Lys Arg Ala Phe Leu Ile Glu Glu Gln Lys Ile
 130 135 140

Val Val Lys Val Leu Lys Ala Gln Ala Gln Ser Gln Lys Ala Lys
 145 150 155

<210> 6890

<211> 65

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6890

Cys Thr Ala Thr Leu Gly Xaa Phe Ala Lys Ala Thr Phe Asp Ala Ile
 1 5 10 15

Ser Lys Thr Tyr Ser Tyr Leu Thr Pro Asp Leu Trp Lys Glu Thr Val
 20 25 30

Phe Thr Lys Ser Pro Tyr Gln Glu Phe Thr Asp His Leu Val Xaa Thr
 35 40 45

His Thr Arg Val Ser Val Gln Arg Thr Gln Ala Pro Ala Val Ala Thr
 50 55 60

Thr
 65

6106

<210> 6891
<211> 120
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (2)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6891
Val Xaa Ala Ser Lys Met Thr Lys Lys Arg Arg Asn Asn Gly Arg Ala
1 5 10 15
Lys Lys Gly Arg Gly His Val Gln Pro Ile Arg Cys Thr Asn Cys Ala
20 25 30
Arg Cys Val Pro Lys Asp Lys Ala Ile Lys Lys Phe Val Ile Arg Asn
35 40 45
Ile Val Glu Ala Ala Ala Val Arg Asp Ile Ser Glu Ala Ser Val Phe
50 55 60
Asp Ala Tyr Val Leu Pro Lys Leu Tyr Val Lys Leu His Tyr Cys Val
65 70 75 80
Ser Cys Ala Ile His Ser Lys Val Val Arg Asn Arg Ser Arg Glu Ala
85 90 95
Arg Lys Asp Arg Thr Pro Pro Pro Arg Phe Arg Pro Ala Gly Ala Ala
100 105 110
Pro Arg Pro Pro Pro Lys Pro Met
115 120

<210> 6892
<211> 80
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (6)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE

6107

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6892

Gly	His	His	Gln	Leu	Xaa	Trp	Asn	His	Pro	Arg	Xaa	Tyr	Gly	His	Gly
1				5					10					15	

Xaa	Arg	Ser	Cys	Arg	Val	Cys	Ser	Asn	Arg	His	Gly	Leu	Ile	Arg	Lys
			20					25					30		

Tyr	Gly	Leu	Asn	Met	Cys	Arg	Gln	Cys	Phe	Arg	Gln	Tyr	Ala	Lys	Asp
		35					40					45			

Ile	Gly	Phe	Ile	Lys	Leu	Asp	Xaa	Met	Leu	Phe	Leu	His	Arg	Ile	Ile
	50					55					60				

Arg	Gly	Ile	Tyr	Ser	Met	Lys	Asn	His	Asp	Asn	Ser	Leu	Tyr	Ile	Lys
65					70					75					80

<210> 6893

<211> 85

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6893

Ala	Ser	Glu	Ala	Phe	Ser	Cys	Phe	Lys	Met	Lys	Leu	Asn	Ile	Ser	Phe
1				5					10					15	

Pro	Ala	Thr	Gly	Cys	Gln	Lys	Leu	Ile	Glu	Val	Asp	Asp	Glu	Arg	Lys
			20					25					30		

6108

Leu Arg Thr Phe Tyr Glu Lys Arg Met Ala Thr Glu Val Ala Ala Asp
 35 40 45
 Ala Leu Gly Glu Glu Trp Lys Gly Tyr Val Val Arg Ile Xaa Gly Gly
 50 55 60
 Asn Asp Lys Gln Gly Phe Pro Met Lys Gln Gly Val Leu Thr His Gly
 65 70 75 80
 Arg Val Arg Cys Tyr
 85

<210> 6894

<211> 98

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6894

Phe Gly Arg Gly His Arg Thr Gln Lys Glu Ile Glu Gln Glu Ala Ala
 1 5 10 15
 Val Glu Leu Ser Gln Leu Arg Asp Pro Gln His Asp Leu Asp Arg Val
 20 25 30
 Lys Lys Pro Glu Trp Val Ile Leu Ile Gly Val Cys Thr Xaa Ser Trp
 35 40 45
 Ala Val Tyr Pro Leu Ala Asn Ala Gly Arg Ile Leu Val Val Ile Thr
 50 55 60
 Ala Leu Ala Met Gly His Thr Tyr Asp Ala Ser Gly Gln Asp Pro Asp
 65 70 75 80
 Trp Val Leu Leu Leu Phe Asn Leu Glu Val Pro His Gly Ile Glu Phe
 85 90 95
 His Gln

<210> 6895

<211> 40

<212> PRT

6109

<213> Homo sapiens

<400> 6895

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Ser Ser Gly Leu Ser Ser Ala Ser Leu Ser Val Lys Ala Ile Lys Glu
 1             5             10             15

Ala Ile Asp Tyr Leu Thr Val Glu Gly His Ile Tyr Pro Thr Val Asp
                20             25             30

Arg Glu His Phe Lys Ser Ala Asp
      35             40

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<210> 6896

<211> 104

<212> PRT

<213> Homo sapiens

<220>

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<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6896

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Ala Gln Ala Ser Arg Ser Arg Trp Glu Leu Pro Pro Gly Ala Val Thr
 1             5             10             15

Met Thr Gly Glu Leu Glu Val Lys Asn Met Asp Met Lys Pro Gly Ser
      20             25             30

Thr Leu Lys Ile Thr Gly Xaa Ile Ala Asp Gly Thr Asp Gly Phe Val
      35             40             45

Ile Asn Leu Gly Gln Gly Thr Asp Lys Leu Asn Leu His Phe Asn Pro
      50             55             60

Arg Phe Ser Glu Ser Thr Ile Val Cys Asn Ser Leu Asp Gly Ser Asn
      65             70             75             80

Trp Gly Gln Glu Gln Arg Glu Asp His Leu Cys Phe Ser Pro Arg Ser
      85             90             95

Glu Val Lys Phe Thr Val Thr Phe
      100

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<210> 6897

<211> 91

<212> PRT

6110

<213> Homo sapiens

<220>

<221> SITE

<222> (86)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6897

Arg	Gln	Phe	Met	Gly	Met	Ile	Ile	Asp	Val	Phe	Ser	Arg	Tyr	Ser	Gly
1				5				10						15	

Ser	Glu	Gly	Ser	Thr	Gln	Thr	Leu	Thr	Lys	Gly	Glu	Leu	Lys	Val	Leu
			20				25						30		

Met	Glu	Lys	Glu	Leu	Pro	Gly	Phe	Leu	Gln	Ser	Gly	Lys	Asp	Lys	Asp
		35					40					45			

Ala	Val	Asp	Lys	Leu	Leu	Lys	Asp	Leu	Asp	Ala	Asn	Gly	Asp	Ala	Gln
	50					55					60				

Val	Asp	Phe	Ser	Glu	Phe	Ile	Val	Phe	Val	Ala	Ala	Ile	Thr	Ser	Ala
65					70					75					80

Cys	His	Lys	Tyr	Phe	Xaa	Lys	Ala	Gly	Leu	Lys
				85					90	

<210> 6898

<211> 158

<212> PRT

<213> Homo sapiens

<220>

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<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (90)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (91)

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<220>

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<222> (94)

6111

<223> Xaa equals any of the naturally occurring L-amino acids

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (104)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (116)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

6112

<220>

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<222> (146)

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<220>

<221> SITE

<222> (147)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6898

Gly	Thr	Ser	Gly	Asn	Phe	Lys	Gly	Met	Lys	Ile	Lys	Pro	Gly	Ser	Met
1				5				10						15	

Gly	Lys	Pro	Ser	Pro	Ala	Phe	Asp	Val	Lys	Xaa	Val	Asp	Val	Asn	Gly
			20					25						30	

Asn	Val	Leu	Pro	Pro	Gly	Gln	Glu	Gly	Asp	Ile	Gly	Ile	Gln	Val	Leu
		35					40					45			

Pro	Asn	Arg	Pro	Phe	Gly	Leu	Phe	Thr	His	Tyr	Val	Asp	Asn	Pro	Ser
	50					55					60				

Lys	Thr	Ala	Ser	Thr	Leu	Arg	Gly	Asn	Ser	Ile	Ser	Leu	Gly	Thr	Glu
65					70					75					80

Asp	Ile	Trp	Ile	Lys	Met	Gly	Ile	Ser	Xaa	Xaa	Phe	Ala	Xaa	Ala	Asp
				85					90					95	

Val	Gly	Xaa	Tyr	Xaa	Leu	Val	Xaa	Asp	Leu	Ala	Pro	Leu	Gly	Gly	Lys
			100					105					110		

Ser	Pro	Ile	Xaa	Thr	Pro	Xaa	Phe	Arg	Val	Pro	Phe	Phe	Lys	Xaa	Pro
		115					120					125			

Thr	Pro	Ser	Arg	Gly	Xaa	Val	Lys	Val	Xaa	Gly	Phe	Lys	Thr	Xaa	Phe
	130					135					140				

Xaa	Xaa	Xaa	Phe	Arg	Ala	Pro	Phe	Lys	Gly	Phe	Arg	Gly	Phe
145					150					155			

<210> 6899

<211> 109

<212> PRT

<213> Homo sapiens

<220>

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6113

<222> (4)
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<223> Xaa equals any of the naturally occurring L-amino acids

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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (104)

6114

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6899

Val	Lys	Phe	Xaa	Val	Ala	Glu	Gly	Lys	Gln	Xaa	Glu	Ile	Gln	His	Lys
1				5				10					15		

Gly	Gln	Ala	Glu	Lys	Lys	Glu	Leu	Gln	His	Lys	Ile	Asp	Glu	Met	Glu
			20					25					30		

Glu	Lys	Glu	Gln	Glu	Leu	Gln	Ala	Lys	Ile	Glu	Ala	Leu	Gln	Ala	Asp
	35						40					45			

Asn	Asp	Phe	Thr	Asn	Glu	Arg	Leu	Thr	Ala	Leu	Gln	Glu	Lys	Leu	Thr
	50					55					60				

Val	Glu	Xaa	His	Xaa	Thr	Lys	Ala	Val	Glu	Glu	Thr	Lys	Leu	Ser	Lys
65					70					75				80	

Glu	Asn	Xaa	Thr	Xaa	Xaa	Lys	Glu	Ser	Asp	Phe	Ser	Asp	Thr	Leu	Xaa
			85						90					95	

Pro	Xaa	Lys	Glu	Asn	Xaa	Lys	Xaa	Arg	Ala	Val	Ala	Leu
			100					105				

<210> 6900

<211> 92

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

6115

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (78)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6900

Tyr	Phe	Xaa	Xaa	Trp	Ser	Ala	Cys	Arg	Tyr	Arg	Ser	Gly	Ile	Pro	Gly
1				5					10					15	

Ser	Ile	Xaa	Arg	Val	Leu	Glu	Met	Thr	Pro	Gln	Gln	Gly	Asp	Val	Tyr
			20					25					30		

Xaa	Xaa	Gln	Val	Glu	His	Thr	Ser	Leu	Asp	Ser	Pro	Val	Thr	Val	Glu
		35					40					45			

Trp	Lys	Ala	Gln	Ser	Asp	Ser	Ala	Arg	Ser	Lys	Thr	Leu	Thr	Gly	Ala
	50					55					60				

Gly	Gly	Phe	Val	Leu	Gly	Leu	Ile	Ile	Cys	Gly	Val	Gly	Xaa	Phe	Met
65					70					75					80

His	Arg	Arg	Asn	Lys	Lys	Val	Gln	Arg	Gly	Ser	Ala
				85					90		

<210> 6901

<211> 31

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6901

Ile	Arg	Xaa	Arg	Asn	Arg	Gly	Cys	Cys	Phe	Asp	Ser	Arg	Ile	Pro	Gly
1				5					10					15	

Xaa	Pro	Trp	Cys	Phe	Lys	Pro	Leu	Gln	Glu	Ala	Glu	Cys	Thr	Phe
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6116

20

25

30

<210> 6902

<211> 55

<212> PRT

<213> Homo sapiens

<400> 6902

Gly Thr Ala Thr Gln Gly Leu Ser Pro Val His Thr Pro Gly Asp Gly
 1 5 10 15

Arg Leu His Lys Ala Val Ser Val Gly Pro Arg Val His Ile Ile Glu
 20 25 30

Glu Leu Gln Ile Phe Ser Ser Gly Gln Pro Val Ala Glu Ser Ala Pro
 35 40 45

Gly Thr Pro Thr Gly Gly Leu
 50 55

<210> 6903

<211> 134

<212> PRT

<213> Homo sapiens

<220>

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<222> (20)

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<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (111)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (117)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6117

<222> (121)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (127)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (130)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6903

Gly	Tyr	Gln	Pro	Glu	Asn	Pro	Tyr	Pro	Ala	Gln	Pro	Thr	Val	Val	Pro
1				5					10					15	

Thr	Val	Tyr	Xaa	Val	His	Pro	Ala	Gln	Tyr	Tyr	Pro	Ser	Pro	Val	Pro
			20					25					30		

Gln	Tyr	Xaa	Pro	Arg	Val	Leu	Thr	Gln	Ala	Ser	Asn	Pro	Val	Val	Cys
		35					40				45				

Thr	Gln	Ala	Lys	Ser	Pro	Ser	Gly	Thr	Val	Cys	Thr	Ser	Lys	Thr	Lys
	50					55					60				

Lys	Ala	Leu	Cys	Ile	Thr	Leu	Thr	Trp	Gly	Leu	Pro	Pro	Gly	Asn	Cys
65					70					75				80	

Ala	Gly	Arg	Trp	Pro	Thr	Leu	Glu	Ile	His	Gly	Gln	Gln	Met	Leu	Gln
				85					90					95	

Leu	Trp	Asp	Arg	Met	Arg	Ile	Leu	Lys	Phe	Cys	Ile	Asn	Pro	Xaa	Thr
			100					105					110		

Gly	Val	Ile	Ala	Xaa	Gln	Leu	Pro	Xaa	Gly	Glu	Glu	Lys	Asn	Xaa	Cys
		115					120					125			

Ser	Xaa	Phe	Gln	Thr	Ser
					130

<210> 6904

<211> 51

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

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6118

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<220>

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<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6904

Pro	Gln	Xaa	Ser	Leu	Xaa	Gly	Thr	Pro	Thr	Glu	Glu	Thr	Trp	Pro	Gly
1				5					10					15	

Val	Thr	Arg	Ile	Ser	Glu	Xaa	Arg	Thr	Tyr	Ser	Phe	Pro	Cys	Tyr	Leu
			20					25					30		

Pro	Gln	Pro	Ala	His	Gln	Pro	Arg	Arg	Pro	Gly	Xaa	Ile	Arg	Met	Ala
		35					40					45			

Ser	Thr	Ser
	50	

<210> 6905

<211> 89

<212> PRT

<213> Homo sapiens

<400> 6905

His	Gly	Asn	Val	Pro	Leu	His	Tyr	Ala	Cys	Phe	Trp	Gly	Gln	Asp	Gln
1				5					10				15		

Val	Ala	Glu	Asp	Leu	Val	Ala	Asn	Gly	Ala	Leu	Val	Ser	Ile	Cys	Asn
		20					25						30		

Lys	Tyr	Gly	Glu	Met	Pro	Val	Asp	Lys	Ala	Lys	Ala	Pro	Leu	Arg	Glu
	35					40						45			

Leu	Leu	Arg	Glu	Arg	Ala	Glu	Lys	Met	Gly	Gln	Asn	Leu	Asn	Arg	Ile
	50					55					60				

Pro	Tyr	Lys	Asp	Thr	Phe	Trp	Lys	Gly	Thr	Thr	Arg	Thr	Arg	Pro	Arg
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6119

65

70

75

80

Glu Ser Pro Leu Trp Glu Glu Gly Leu
85

<210> 6906

<211> 111

<212> PRT

<213> Homo sapiens

<220>

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6120

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (63)

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<400> 6906

Cys	Ser	Xaa	Thr	Ile	Gly	Glu	Lys	Xaa	Xaa	Gln	Lys	Glu	Pro	Xaa	Gly
1				5				10						15	

Xaa	Asp	Xaa	Ser	Val	Pro	Glu	Asn	Val	Leu	Ser	Xaa	Asp	Asp	Leu	Thr
			20					25						30	

Ala	Asp	Ala	Leu	Ala	Asn	Leu	Xaa	Xaa	Pro	Gln	Ile	Lys	Lys	Val	Arg
		35					40					45			

Leu	Leu	Ile	Asp	Glu	Ala	Ile	Leu	Lys	Cys	Asp	Ala	Glu	Gly	Xaa	Lys
	50					55					60				

Leu	Glu	Ala	Glu	Arg	Phe	Glu	Asn	Leu	Arg	Glu	Ile	Gly	Asn	Leu	Leu
65					70					75					80

His	Pro	Ser	Val	Pro	Ile	Ser	Asn	Asp	Glu	Val	Gly	Gly	Cys	Ala	Ala
				85					90					95	

Ala	Gly	Gly	Cys	Leu	Arg	Ser	Leu	Leu	Ser	Leu	Gln	Gly	Arg	Gly	
			100					105					110		

<210> 6907

<211> 38

<212> PRT

<213> Homo sapiens

<220>

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<222> (5)

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<220>

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<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6121

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6907

Cys Val Ala Gly Xaa Asp Glu Gln Ser Thr Gln Met Ala Ala Arg Xaa
 1 5 10 15

Glu Asp Asp Lys Val Thr Glu Ala Ser Ser Asn Arg Xaa Ala Ala Ile
 20 25 30

Lys Ile Xaa Thr Lys Ser
 35

<210> 6908

<211> 137

<212> PRT

<213> Homo sapiens

<400> 6908

Leu Gln Val Pro Val Arg Asn Ser Arg Val Asp Pro Arg Val Arg Arg
 1 5 10 15

Ser Pro Ala Lys Thr Ile Ala Pro Gln Asn Ala Pro Arg Asp Glu Ser
 20 25 30

Arg Gly Arg Ser Ser Phe Tyr Pro Asp Gly Gly Asp Gln Glu Thr Ala
 35 40 45

Lys Thr Gly Lys Phe Leu Lys Arg Phe Thr Asp Glu Glu Ser Arg Val
 50 55 60

Phe Leu Leu Asp Arg Gly Asn Thr Arg Asp Lys Glu Ala Ser Lys Glu
 65 70 75 80

Lys Gly Ser Glu Lys Gly Arg Ala Glu Gly Glu Trp Glu Asp Gln Glu
 85 90 95

Ala Leu Asp Tyr Phe Ser Asp Lys Glu Ser Gly Lys Gln Lys Phe Asn
 100 105 110

Asp Ser Glu Gly Asp Asp Thr Glu Glu Thr Glu Asp Tyr Arg Gln Phe
 115 120 125

6122

Arg Lys Ser Ser Pro Arg Arg Ser Gly
 130 135

<210> 6909

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6909

Pro Val Ser Gly Val Pro Arg Arg Xaa Xaa Arg Ile Ala Gly Lys Arg
 1 5 10 15

Val Cys Xaa Met Glu Ser Gly Xaa Ala Gly Cys Phe Ser Pro Lys Ile
 20 25 30

Xaa

<210> 6910

<211> 112

<212> PRT

<213> Homo sapiens

6123

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<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (13)

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<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (107)

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<400> 6910

Xaa	Thr	Xaa	Xaa	Ser	Cys	Arg	Tyr	Leu	Gly	Gln	Glu	Xaa	Pro	Gly	Arg
1				5					10					15	

Pro	Thr	Arg	Pro	Met	Ala	Glu	Tyr	Asp	Leu	Thr	Thr	Xaa	Ile	Ala	His
			20					25					30		

Phe	Leu	Asp	Arg	His	Leu	Val	Phe	Pro	Leu	Leu	Glu	Phe	Leu	Ser	Val
		35					40					45			

Lys	Glu	Ile	Tyr	Asn	Glu	Lys	Glu	Leu	Leu	Gln	Gly	Lys	Leu	Asp	Leu
	50					55					60				

Leu	Ser	Asp	Thr	Asn	Met	Val	Asp	Phe	Ala	Met	Asp	Val	Tyr	Lys	Asn
	65				70					75					80

Leu	Tyr	Ser	Asp	Asp	Ile	Pro	His	Ala	Leu	Arg	Glu	Lys	Arg	Thr	Thr
				85					90					95	

Val	Val	Ala	Gln	Leu	Lys	Gln	Ala	Ser	Gly	Xaa	Asn	Gln	Asn	Gln	Leu
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6124

100

105

110

<210> 6911
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<400> 6911
 Asn Tyr Glu Thr Ile Glu Gln Lys Lys Ala Tyr Glu Ile Ala Gly Leu
 1 5 10 15

Leu Gly Asp Ile Gly Gly Gln Met Gly Leu Phe Ile Gly Ala Ser Ile
 20 25 30

Leu Thr Val Leu Glu Leu Phe Asp Tyr Ala Tyr Glu Val Ile Lys His
 35 40 45

Lys Leu Cys Arg Arg Gly Lys Cys Gln Lys Glu Ala Lys Arg Ser Ser
 50 55 60

Ala Asp Lys Gly Val Ala Leu Thr Trp Thr Thr Ser Lys Asp Thr Thr
 65 70 75 80

Arg Cys Glu Asn Leu Arg Gly His Pro Ala Gly Met Thr Tyr Ala Trp
 85 90 95

6125

Gln His Ser Thr Leu Xaa Ile Arg Ala Glu Gly Leu Xaa Arg Xaa Leu
 100 105 110

Leu Xaa

<210> 6912

<211> 81

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<400> 6912

Tyr Tyr Asn Gly Ala Ala Val Ile Xaa His Glu Arg Val Gln Lys Thr
 1 5 10 15

6126

Phe Pro His Pro Ile Asp Lys Trp Ala Xaa Ala Asp Ala Gln Ser Ala
 20 25 30

Ile Glu Lys Gln Lys Arg Arg Asn Pro Leu Leu Leu Pro Val Asp Xaa
 35 40 45

Ile His Pro Ser Xaa Xaa Glu Leu Leu Gly Tyr Lys Met Arg Leu Pro
 50 55 60

Cys Ile Pro Ile Xaa Cys Gly Cys Thr Thr Xaa Tyr Leu Ser Leu Ile
 65 70 75 80

Phe

<210> 6913

<211> 50

<212> PRT

<213> Homo sapiens

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<400> 6913

Xaa Ser Gly Tyr Tyr Pro Gly Gly Tyr Xaa Gly Ala Pro Gly Trp Pro
 1 5 10 15

6127

Ala Phe Pro Arg His Pro Leu Asp Pro Leu Phe Gly Xaa Phe Ala Ala
 20 25 30

Val Ala Gly Gln Asp Gly Pro Ile Asp Ala Asp Glu Phe Leu Xaa Cys
 35 40 45

Xaa Thr
 50

<210> 6914

<211> 125

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6128

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<400> 6914
 Arg Gly Cys Leu Gly Leu Gly Cys Pro Leu His Leu His Val Phe Ala
 1 5 10 15
 Xaa Val Ser Ala Met Leu Pro Leu Leu Arg Cys Val Pro Arg Val Leu
 20 25 30
 Gly Ser Ser Val Ala Gly Leu Arg Ala Ala Ala Pro Ala Ser Pro Phe
 35 40 45
 Arg Gln Leu Leu Gln Pro Ala Pro Arg Leu Cys Thr Arg Pro Phe Gly
 50 55 60
 Leu Leu Ser Val Arg Ala Gly Ser Glu Arg Xaa Pro Gly Leu Xaa Arg
 65 70 75 80
 Xaa Arg Gly Pro Cys Ala Xaa Gly Cys Gly Cys Gly Ser Leu Xaa Thr
 85 90 95
 Xaa Gly Asp Lys Ala Phe Val Asp Tyr Leu Ser Asp Glu Ile Xaa Glu
 100 105 110
 Glu Arg Lys Ile Xaa Lys His Lys Thr Leu Pro Lys Met
 115 120 125

<210> 6915
 <211> 124
 <212> PRT
 <213> Homo sapiens

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 <222> (115)

6129

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6915

Glu Lys Leu Ile Xaa Pro Arg Thr Lys Ala Ile Ile Pro Val Asp Ile
1 5 10 15

Gly Gly Phe Pro Ala Asp Tyr Ser Glu Ile Leu Asp Leu Val Glu Arg
20 25 30

Lys Lys Asp Ile Phe Asn Pro Lys Lys Gly Thr Tyr Gln Glu Lys Leu
35 40 45

Gly Arg Ile Leu Val Leu Ala Asp Ser Ala His Ser Phe Gly Ser Ser
50 55 60

Tyr Lys Gly Lys Lys Ile Gly Ser Val Ala Asp Val Thr Ser Phe Ser
65 70 75 80

Phe His Ala Ile Lys Asn Leu Thr Thr Ala Glu Gly Gly Ala Leu Thr
85 90 95

Trp Asn Leu Pro Asn Asn Phe Asp Asn Glu Gln Ile Tyr Lys Glu Leu
100 105 110

Met Leu Xaa Ala Leu His Gly Lys Ile Arg Met His
115 120

<210> 6916

<211> 123

<212> PRT

<213> Homo sapiens

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6130

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (121)

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<400> 6916

Met	Phe	His	Phe	Ser	Lys	Leu	Asp	Leu	Glu	Thr	Leu	Ile	Ile	Phe	Leu
1				5					10					15	

Ile	Trp	Lys	Arg	Gln	Pro	Lys	Lys	Cys	Thr	Ser	Ala	Tyr	Pro	Leu	Gln
		20						25					30		

Pro	Glu	Asp	Val	Asn	Leu	Arg	Val	Ile	Ser	Glu	Tyr	Gln	Lys	Leu	Phe
		35				40						45			

Pro	Asp	Ile	Pro	Ile	Gly	Tyr	Ser	Gly	His	Glu	Thr	Gly	Ile	Ala	Ile
	50					55					60				

Ser	Val	Ala	Ala	Val	Ala	Leu	Gly	Ala	Lys	Val	Leu	Glu	Arg	His	Ile
65					70					75					80

Thr	Leu	Xaa	Lys	Thr	Trp	Xaa	Gly	Ser	Asp	His	Ser	Asp	Ser	Leu	Glu
			85						90					95	

Pro	Gly	Glu	Leu	Gly	Glu	Ala	Gly	Ala	Val	Ser	Ala	Ser	Cys	Xaa	Xaa
		100						105					110		

Val	Pro	Trp	Ala	Pro	Gln	Ala	Lys	Xaa	Leu	Thr
	115						120			

<210> 6917

<211> 54

<212> PRT

<213> Homo sapiens

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6131

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (54)
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<400> 6917
Gly Ser Leu Gln Ser Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr
1 5 10 15
Ser Leu Trp Tyr Thr Phe Gly Gln Gly Thr Asn Leu Glu Ile Lys Arg
20 25 30
Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Lys Thr
35 40 45
Ile Xaa Xaa Xaa Xaa Xaa
50

<210> 6918
<211> 102
<212> PRT
<213> Homo sapiens

<220>
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<222> (22)
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<221> SITE

6132

<222> (80)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (89)

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<221> SITE

<222> (95)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (101)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6918

Ser	Ser	Asp	Ile	Met	Glu	Ser	Gly	Lys	Thr	Ala	Ser	Pro	Lys	Ser	Met
1				5					10					15	

Pro	Lys	Asp	Ala	Gln	Xaa	Met	Ala	Gln	Ile	Leu	Lys	Asp	Met	Gly	Ile
			20					25						30	

Thr	Glu	Tyr	Glu	Pro	Arg	Val	Ile	Asn	Gln	Xaa	Leu	Glu	Phe	Ala	Phe
		35					40						45		

Arg	Tyr	Val	Thr	Thr	Ile	Leu	Asp	Asp	Ala	Lys	Ile	Tyr	Ser	Ser	His
		50				55					60				

Ala	Lys	Lys	Thr	Ser	Val	Asp	Ala	Xaa	Tyr	Val	Arg	Trp	His	Pro	Xaa
65					70					75					80

Pro	Pro	Asp	His	Leu	Leu	Leu	Ser	Xaa	Pro	Lys	Ile	Phe	Leu	Xaa	Leu
				85						90					95

Gln	Ala	Lys	Ser	Xaa	Leu
					100

<210> 6919

<211> 73

<212> PRT

<213> Homo sapiens

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6133

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<220>
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 <222> (63)
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<400> 6919
 Val Met Ser His Arg Lys Phe Ser Ala Pro Arg His Gly Ser Leu Gly
 1 5 10 15
 Phe Leu Pro Arg Lys Arg Ser Ser Arg His Arg Gly Lys Val Lys Ser
 20 25 30
 Phe Pro Lys Asp Asp Pro Ser Lys Pro Val His Leu Thr Ala Phe Leu
 35 40 45
 Gly Tyr Lys Ala Gly Met Thr His Ile Xaa Arg Glu Phe Xaa Xaa Ala
 50 55 60
 Gly Ser Lys Val Asn Lys Arg Val Val
 65 70

<210> 6920
 <211> 117
 <212> PRT
 <213> Homo sapiens

<220>
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6134

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<222> (111)

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<222> (114)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (116)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6920

Ser	Leu	Gln	Arg	Pro	Thr	Xaa	Asn	Xaa	Xaa	Leu	Arg	Thr	Ile	Val	Lys
1				5				10						15	

Ala	Gly	Thr	Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr
			20					25					30		

Arg	Pro	Trp	Thr	Ala	Asp	Glu	Gly	Val	Phe	Asp	Asn	Phe	Val	Leu	Lys
		35					40					45			

Ile	Arg	Asp	Thr	Lys	Lys	Gln	Ser	Glu	Pro	Leu	Glu	Ile	Thr	Leu	Leu
	50					55					60				

Ala	Pro	Glu	Arg	Thr	Arg	Asp	Ile	Thr	Gly	Leu	Arg	Glu	Ala	Thr	Glu
65					70					75					80

Tyr	Glu	Ile	Glu	Leu	Tyr	Gly	Ile	Ser	Lys	Gly	Arg	Arg	Ser	Gln	Thr
				85					90					95	

Val	Cys	Ser	Leu	Leu	Phe	Ile	Tyr	Ser	Ile	Cys	Cys	Xaa	Tyr	Xaa	Thr
			100					105						110	

Xaa	Xaa	Phe	Xaa	Ile
				115

<210> 6921

6135

<211> 131
<212> PRT
<213> Homo sapiens

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6136

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<222> (131)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6921

Xaa	Ser	Gly	Leu	Xaa	Ile	Gly	Xaa	Ala	Gly	Thr	Pro	Ala	Gly	Thr	Gly
1				5					10					15	

Pro	Glu	Phe	Pro	Gly	Arg	Xaa	Thr	Arg	Pro	Arg	Thr	Arg	Gly	Pro	Ser
			20					25					30		

Leu	Gly	Arg	His	Pro	Gly	Ala	His	Gln	Gly	Asn	Leu	Ala	Phe	Gly	Leu
		35					40						45		

His	Ser	Asn	Xaa	Ile	Ala	Ser	Pro	Gly	Ser	Pro	Ser	Leu	Gly	Arg	His
	50					55					60				

Leu	Gly	Gly	Thr	Gly	Ser	Xaa	Val	Pro	Gly	Xaa	Pro	Cys	Leu	Asp	Arg
65					70					75					80

His	Val	Ala	Tyr	Gly	Gly	Tyr	Xaa	Thr	Xaa	Glu	Asp	Arg	Arg	Pro	Thr
				85					90					95	

Leu	Ser	Xaa	Lys	Ser	Xaa	Ala	Tyr	Gly	Tyr	Gln	Ala	Pro	Ser	Thr	Pro
			100					105						110	

Ser	Leu	Pro	Val	Xaa	Pro	Ala	Tyr	Tyr	Pro	Gly	Leu	Xaa	Ser	Pro	Asp
		115					120					125			

Thr	Tyr	Xaa
		130

6137

<210> 6922

<211> 53

<212> PRT

<213> Homo sapiens

<400> 6922

Val	Glu	Ala	Thr	Cys	Ala	Cys	Leu	Leu	Ala	Gln	Gly	Glu	Glu	Ala	Glu
1				5					10					15	

Lys	Glu	His	Cys	Ser	Lys	Cys	Leu	Ala	Glu	Gln	Met	Ile	Leu	Glu	Glu
		20					25						30		

Phe	Gly	Arg	Cys	Leu	Ser	Gln	Ile	Leu	His	Thr	Glu	Phe	Lys	Ser	Lys
		35					40					45			

Gly	Leu	Lys	Met	Glu
	50			

<210> 6923

<211> 120

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6923

Ile	Val	Thr	Val	Gly	Gly	Glu	Glu	Arg	Val	Ser	Arg	Lys	Pro	Thr	Ala
1				5					10					15	

Ala	Met	Arg	Cys	Met	Cys	Pro	Leu	Tyr	Asp	Pro	Asn	Arg	Gln	Leu	Trp
			20					25					30		

Xaa	Glu	Leu	Ala	Pro	Leu	Ser	Met	Pro	Arg	Ile	Asn	His	Gly	Val	Leu
		35					40					45			

Ser	Ala	Glu	Gly	Phe	Leu	Phe	Val	Phe	Gly	Gly	Gln	Asp	Glu	Asn	Lys
	50					55					60				

Gln	Thr	Leu	Ser	Ser	Gly	Glu	Lys	Tyr	Asp	Pro	Asp	Ala	Asn	Thr	Trp
65					70					75					80

Thr	Ala	Leu	Pro	Pro	Met	Asn	Glu	Ala	Arg	His	Asn	Phe	Gly	Ile	Val
				85					90					95	

6138

Glu Ile Asp Gly Met Leu Tyr Ile Leu Gly Gly Glu Asp Gly Glu Lys
 100 105 110

Glu Leu Ile Ser Met Glu Cys Tyr
 115 120

<210> 6924

<211> 43

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6924

Ser Arg Ser Pro Glu Leu Arg Thr Ala Cys Leu Gln Pro Ser Ser Ile
 1 5 10 15

Glu Ile Leu Glu Tyr Ser Ser Asp Ser Glu Lys Glu Asp Asp Leu Glu
 20 25 30

Asn Val Leu Leu Ile Xaa Ser Glu Pro Pro His
 35 40

<210> 6925

<211> 126

<212> PRT

<213> Homo sapiens

<220>

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<222> (107)

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<220>

<221> SITE

<222> (118)

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<220>

<221> SITE

<222> (121)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6925

6139

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Pro Thr Ser Asp Pro Pro Leu Gly Ser Ser Pro Leu Gly Arg Arg Phe
 1              5              10              15

Arg Val Leu Ser Ser Leu Arg Arg Ser Pro Met Phe Glu Glu Lys Ala
          20              25              30

Ser Ser Pro Ser Ser Gly Lys Met Gly Gly Glu Glu Lys Pro Ile Gly Ala
          35              40              45

Gly Glu Glu Lys Gln Lys Glu Gly Gly Lys Lys Lys Asn Lys Glu Gly
 50              55              60

Ser Gly Asp Gly Gly Arg Ala Glu Leu Asn Pro Trp Pro Glu Tyr Ile
 65              70              75              80

Tyr Thr Arg Leu Glu Met Tyr Asn Ile Leu Lys Ala Glu His Asp Ser
          85              90              95

Ile Leu Ala Glu Lys Lys Lys Lys Arg Ala Xaa Ala Leu Glu Asp Pro
          100              105              110

Lys Leu Thr Tyr Ala Xaa Met Arg Xaa His Lys Phe Phe Tyr
          115              120              125

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<210> 6926

<211> 84

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6926

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Val Pro Val Xaa Asn Ser Arg Val Asp Pro Arg Val Arg Ile Pro Ser
 1              5              10              15

Arg Thr Val Asn Arg Lys Ser Thr Asp Ser Pro Val Glu Cys Met Gly
          20              25              30

Gln Glu Lys Gly Glu Phe Arg Glu Ile Phe Tyr Ile Ile Gly Ala Val
          35              40              45

Val Phe Val Val Ile Ile Leu Val Ile Ile Leu Ala Ile Ser Leu His
          50              55              60

Lys Cys Arg Lys Ala Gly Val Gly Gln Ser Trp Lys Glu Asn Ser Pro
          65              70              75              80

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6140

Leu Asn Val Ser

<210> 6927

<211> 37

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6927

Val	Xaa	Ser	Glu	Tyr	Pro	Ser	Ile	Lys	Leu	Val	Val	Glu	Trp	Gln	Leu
1					5				10					15	

Gln	Asp	Asp	Lys	Asn	Gln	Ser	Leu	Phe	Cys	Trp	Glu	Ile	Pro	Val	Gln
	20							25						30	

Ile	Val	Ser	His	Leu
				35

<210> 6928

<211> 49

<212> PRT

<213> Homo sapiens

<400> 6928

Ala	Ser	Ser	Ser	Gly	Gly	Pro	Leu	Val	Thr	Val	Ser	Thr	Pro	Leu	His
1				5					10					15	

Gln	Val	Ser	Pro	Thr	Gly	Leu	Glu	Pro	Ser	His	Ser	Leu	Leu	Ser	Thr
			20					25						30	

Glu	Ala	Lys	Leu	Val	Ser	Ala	Ala	Gly	Gly	Pro	Leu	Pro	Leu	Ser	Ala
		35						40						45	

Pro

<210> 6929

<211> 86

<212> PRT

6141

<213> Homo sapiens

<400> 6929

```

Asp Leu Ser Lys His Ile Lys Thr His Gln Asn Lys Lys Gly Gly Pro
 1             5             10             15

Gly Val Ala Leu Ser Val Gly Thr Leu Pro Leu Asp Ser Gly Ala Gly
          20             25             30

Ser Glu Gly Ser Gly Thr Ala Thr Pro Ser Ala Leu Ile Thr Thr Asn
          35             40             45

Met Val Ala Met Glu Ala Ile Cys Pro Glu Gly Ile Ala Arg Leu Ala
          50             55             60

Asn Ser Gly Ile Asn Val Met Gln Val Ala Asp Leu Gln Ser Ile Asn
 65             70             75             80

Ile Ser Gly Asn Gly Phe
          85

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<210> 6930

<211> 54

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

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<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6930

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Thr Ser Thr Ser Gln Glu Pro Arg Trp Asp Gln Ser Thr Xaa Pro Gly
 1             5             10             15

Arg Ala Arg His Phe Phe Thr Val Thr Asp Pro Xaa Asn Leu Leu Leu
          20             25             30

Ser Gly Xaa Thr Ala Gly Ser Phe Leu Gly Thr Ser Cys Arg Thr Thr

```

6142

35

40

45

Gly Asp His Pro Ser Ile
50

<210> 6931

<211> 93

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6931

His His Ala Asp Gln Thr Leu Leu Thr Cys Arg His Gln Cys Pro Arg
1 5 10 15

Val His His Leu Ser Ala His Arg Pro Ser Ser Cys Trp Xaa Leu Ser
20 25 30

Ala Ala Tyr Ser Gly Trp Gly Asn Thr Leu Ser Phe Gly Ala Asp Tyr
35 40 45

Pro Asp Glu Leu Lys Cys Leu Asp Ala Pro Val Leu Thr Gln Ala Glu
50 55 60

Cys Lys Ala Ser Tyr Pro Gly Lys Asp Tyr Gln Gln His Val Leu Cys
65 70 75 80

Gly Ala Ser Leu Arg Gly Gly Lys Asp Ser Leu Pro Ala
85 90

<210> 6932

<211> 111

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (71)

6143

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (78)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (98)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (104)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (107)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6932

Asn Ala Ser Val Arg Leu Asp Asn Ser Ser Ser Gly Ala Ser Val Val

1

5

10

15

Ala Ile Asp Asn Lys Ile Glu Gln Ala Met Asp Leu Val Lys Ser His

20

25

30

Leu Met Tyr Ala Val Arg Glu Glu Val Glu Val Leu Lys Glu Gln Ile

35

40

45

Lys Glu Leu Ile Glu Lys Asn Ser Gln Leu Glu Gln Glu Asn Asn Leu

50

55

60

Xaa Lys Thr Leu Ala Ser Xaa Glu Gln Leu Ala Gln Phe Xaa Ala Gln

65

70

75

80

Leu Gln Thr Gly Ser Pro Pro Ala Thr Thr Gln Ser Gln Gly Thr Thr

85

90

95

Gln Xaa Pro Ala Ser Gln Tyr Xaa Arg Ala Xaa Asp Gln Pro His

100

105

110

<210> 6933

<211> 162

<212> PRT

<213> Homo sapiens

6144

<220>

<221> SITE

<222> (157)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6933

Glu Asn Thr Asp Tyr Val Asn Ala Ser Phe Ile Asp Gly Tyr Arg Gln
 1 5 10 15

Lys Asp Ser Tyr Ile Ala Ser Gln Gly Pro Leu Leu His Thr Ile Glu
 20 25 30

Asp Phe Trp Arg Met Ile Trp Glu Trp Lys Ser Cys Ser Ile Val Met
 35 40 45

Leu Thr Glu Leu Glu Glu Arg Gly Gln Glu Lys Cys Ala Gln Tyr Trp
 50 55 60

Pro Ser Asp Gly Leu Val Ser Tyr Gly Asp Ile Thr Val Glu Leu Lys
 65 70 75 80

Lys Glu Glu Glu Cys Glu Ser Tyr Thr Val Arg Asp Leu Leu Val Thr
 85 90 95

Asn Thr Arg Glu Asn Lys Ser Arg Gln Ile Arg Gln Phe His Phe His
 100 105 110

Gly Trp Pro Glu Val Gly Ile Pro Ser Asp Gly Lys Gly Met Ile Ser
 115 120 125

Ile Ile Ala Ala Val Gln Lys Gln Gln Gln Gln Ser Gly Asn His Pro
 130 135 140

Ile Thr Arg Ala Leu Gln Arg Pro Gly Gln Glu Gly Xaa Gly Pro Ser
 145 150 155 160

Val Pro

<210> 6934

<211> 95

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (85)

<223> Xaa equals any of the naturally occurring L-amino acids

6145

<400> 6934

Val Arg Ala Ser Gln Ser Ser Phe Ile Gly Thr Leu Asn Met Ser Gly
 1 5 10 15

Ile Ala Leu Ser Arg Leu Ala Gln Glu Arg Lys Ala Trp Arg Lys Asp
 20 25 30

His Pro Phe Gly Phe Val Ala Val Pro Thr Lys Asn Pro Asp Gly Thr
 35 40 45

Met Asn Leu Met Asn Trp Glu Cys Ala Ile Pro Gly Lys Lys Gly Thr
 50 55 60

Pro Trp Glu Gly Gly Leu Phe Lys Leu Arg Met Leu Phe Lys Asp Asp
 65 70 75 80

Tyr Pro Ser Ser Xaa Pro Lys Cys Lys Phe Glu Pro Pro Leu Phe
 85 90 95

<210> 6935

<211> 194

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6935

Thr Pro Thr Leu Thr Lys Gly Asn Lys Ser Trp Ser Ser Thr Ala Val
 1 5 10 15

Gln Xaa Ala Leu Glu Leu Val Asp Pro Pro Gly Cys Arg Asn Ser Ala
 20 25 30

Arg Gly Gln Ile Thr Phe Pro Leu Ser Pro Ala Leu Asn Ile Glu Val
 35 40 45

Glu Gln Asn Gly Lys Pro Ser Leu Val Asp Leu Asn Glu Glu Met Gln
 50 55 60

His Met Asp Val Glu Glu Ser Gln Cys Leu Arg Leu Cys Pro Phe Leu
 65 70 75 80

Glu Asp His Lys Glu Asp Ile Leu Cys Gly Pro Val Trp Leu Ala Ser
 85 90 95

Gly Leu Asp Leu Ser Gly His Ala Gly Met Leu Thr Leu Thr Ser Pro

6146

100		105		110
Lys Leu Val	Lys Gly Met Ala	Gly Gly Lys Tyr Arg	Ser Phe Leu Ile	
115		120	125	
His Val Lys Ala Val	Asn Glu Arg Gly Thr	Glu Glu Ile Cys Asn Gly		
130	135	140		
Gly Met Arg Pro Val	Val Arg Leu Pro Ser	Leu Lys His Gln Ser Asn		
145	150	155	160	
Lys Gly Tyr Ser Leu Ala	Ser Leu Leu Ala Lys Val Ala Ala Gly Lys			
	165	170	175	
Glu Lys Ser Ser Asn Val	Lys Asn Glu Asn Thr Ser Gly Thr Arg Lys			
180	185	190		
Ser Glu				

<210> 6936
 <211> 86 ..
 <212> PRT
 <213> Homo sapiens

<400> 6936
 Leu Ile Phe Ala Gly Lys Gln Leu Glu Asp Gly Arg Thr Leu Ser Asp
 1 5 10 15
 Tyr Asn Ile Gln Lys Glu Ser Thr Leu His Leu Val Leu Arg Leu Arg
 20 25 30
 Gly Gly Ile Ile Glu Pro Ser Leu Arg Gln Leu Ala Gln Lys Tyr Asn
 35 40 45
 Cys Asp Lys Met Ile Cys Arg Lys Cys Tyr Ala Arg Leu His Pro Arg
 50 55 60
 Ala Val Asn Cys Arg Lys Lys Lys Cys Gly His Thr Asn Asn Leu Arg
 65 70 75 80
 Pro Lys Lys Lys Val Lys
 85

<210> 6937
 <211> 198
 <212> PRT

6147

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (196)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6937

Ile	Tyr	Xaa	Gln	Glu	Lys	Ala	Gln	Ser	Met	Glu	Thr	Leu	Pro	Pro	Gly
1				5					10					15	

Lys	Val	Arg	Trp	Pro	Asp	Phe	Asn	Gln	Glu	Ala	Tyr	Val	Gly	Gly	Thr
		20					25						30		

Met	Val	Arg	Ser	Gly	Gln	Asp	Pro	Tyr	Ala	Arg	Asn	Lys	Phe	Asn	Gln
		35					40					45			

Val	Glu	Ser	Asp	Lys	Leu	Arg	Met	Asp	Arg	Ala	Ile	Pro	Asp	Thr	Arg
	50					55					60				

His	Asp	Gln	Cys	Gln	Arg	Lys	Gln	Trp	Arg	Val	Asp	Leu	Pro	Ala	Thr
65					70					75					80

Ser	Val	Val	Ile	Thr	Phe	His	Asn	Glu	Ala	Arg	Ser	Ala	Leu	Leu	Arg
				85					90					95	

Thr	Val	Val	Ser	Val	Leu	Lys	Lys	Ser	Pro	Pro	His	Leu	Ile	Lys	Glu
			100					105					110		

Ile	Ile	Leu	Val	Asp	Asp	Tyr	Ser	Asn	Asp	Pro	Glu	Asp	Gly	Ala	Leu
		115					120					125			

Leu	Gly	Lys	Ile	Glu	Lys	Val	Arg	Val	Leu	Arg	Asn	Asp	Arg	Arg	Glu
	130					135					140				

Gly	Leu	Met	Arg	Ser	Arg	Val	Arg	Gly	Ala	Asp	Ala	Ala	Gln	Ala	Lys
145					150					155					160

Val	Leu	Thr	Phe	Leu	Asp	Ser	His	Cys	Glu	Cys	Asn	Glu	His	Trp	Leu
			165						170					175	

Glu	Pro	Leu	Leu	Glu	Arg	Val	Ala	Glu	Asp	Arg	Thr	Arg	Val	Gly	Ser
		180						185					190		

Pro	Ile	Ile	Xaa	Cys	His
			195		

6148

<210> 6938
<211> 85
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (26)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (69)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (84)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6938
Cys Phe Ile Ala Ile Leu Phe Gly Ser Ser Thr Ile Ser Leu Ser Asp
1 5 10 15
Glu Ala Ser Arg Arg Cys Ser Val Leu Xaa Ser Thr Leu Ser Ser Gln
20 25 30
Ser Cys Lys Gln Leu Arg Val Tyr Leu Ser Pro Leu Ser Lys Glu Ala
35 40 45
Ile Asp Asp Ser Pro Arg Leu Leu Ala Lys Leu Leu Ala Leu Lys Leu
50 55 60
Cys Tyr His Ile Xaa Leu Glu Val Lys Gly Cys Asn Thr Glu Asn Thr
65 70 75 80
Phe Phe Tyr Xaa Asp
85

<210> 6939
<211> 36
<212> PRT
<213> Homo sapiens

<220>
<221> SITE

6149

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6939

Asp	Lys	Lys	Pro	Ile	Arg	Tyr	Ala	Arg	Xaa	Val	Phe	Xaa	Gln	Tyr	Gln
1				5					10					15	

Pro	Ser	His	Leu	Glu	Asn	Leu	Gln	Lys	Ala	Tyr	Val	His	Ser	Ile	Leu
			20					25					30		

Cys	Val	Ser	Glu
			35

<210> 6940

<211> 48

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6940

His	Glu	His	Phe	Pro	Cys	His	Leu	Tyr	Tyr	Phe	Leu	Asn	Tyr	Ser	Phe
1				5					10					15	

Ser	Leu	Ala	Cys	Leu	Ile	Pro	His	Pro	Pro	Lys	Ser	Ile	Cys	Leu	Ser
			20					25					30		

His	Ala	Ile	Ile	Phe	Ile	Phe	Met	Ser	Thr	Ala	Phe	Ile	Glu	Phe	Xaa
		35					40					45			

<210> 6941

<211> 53

<212> PRT

<213> Homo sapiens

<220>

6150

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6941

Leu Arg Val Lys Tyr Lys Leu Leu Ala Ala Val Gly Gly Lys Glu Pro
 1 5 10 15

Asn Pro Lys Leu Trp Gly Phe Pro Leu Phe Pro Arg Glu Ala Xaa Gly
 20 25 30

Gly Met Asn Asp Pro Lys Gly Asn Glu Gln Thr Xaa Gly Asn Pro Pro
 35 40 45

Ser Ala Thr Ser Asp
 50

<210> 6942

<211> 122

<212> PRT

<213> Homo sapiens

<400> 6942

Ser Arg Val Gly Ser Glu Glu Gln Arg Lys Ala Val Gly Asp Val Ala
 1 5 10 15

Thr Val Pro Arg Asp His Pro Ala Met Glu Thr Arg Glu Leu Ser Leu
 20 25 30

Arg Gly Arg Gly Leu Ala Ser Lys Lys Asp Arg Glu Trp Thr Gly Arg
 35 40 45

Gly Pro Leu Ser Ser Gly Pro Lys Glu Asp Ser Ser Arg Arg Arg Glu
 50 55 60

Ser Glu Arg Gln Gly Pro Cys Ala Gly Leu Leu Leu Arg Leu Gln Ala
 65 70 75 80

Gly Ser Leu Pro Glu Ala Val Gln Lys His Ser Ser Ala Gly Pro Thr
 85 90 95

Arg Phe Leu Ser His Val Lys Phe Arg Ser Ser Val Lys Thr His Ser
 100 105 110

6151

Ser Pro Ala Gly Val Leu Arg Asp Ala Arg
 115 120

<210> 6943

<211> 53

<212> PRT

<213> Homo sapiens

<400> 6943

Cys Phe Leu Glu Arg Asn Gln Met Cys Phe Cys Gly His Ser His Phe
 1 5 10 15

Leu Phe Cys Glu Phe Ser Lys Leu Ser Thr Ile Ala Ile His Ser Ala
 20 25 30

Ile Phe Ile Val Tyr Asn Leu Leu Ser Leu Val Asp Lys His Gly Ser
 35 40 45

Leu Phe Leu Lys Leu
 50

<210> 6944

<211> 64

<212> PRT

<213> Homo sapiens

<400> 6944

Ser Pro Tyr Leu Leu Val Asn Val Ala Val Leu Leu Gln Asn Leu Phe
 1 5 10 15

Gln Pro Phe Ser Asp Phe Lys Pro Pro Val Pro Leu Pro Leu Arg Glu
 20 25 30

Asn Ser Asn His Lys Ser Leu Ser Thr Ser Tyr Tyr Leu Asn Ile Asp
 35 40 45

Asn Phe Gln Ile Arg Glu Leu Arg Tyr Leu Lys Leu Arg Phe Leu Phe
 50 55 60

<210> 6945

<211> 45

<212> PRT

6152

<213> Homo sapiens

<400> 6945

Asp Thr Glu Gly Lys Ser Trp Asn Phe His Lys Ser Leu Thr Gly Ala
1 5 10 15
Phe Leu Trp Leu Glu Leu Ala Gln Cys Asp Val Pro Glu Leu Val Gln
20 25 30
Arg Asn Ala Phe Ser Phe Ala Lys Gln Asn Phe Gln Glu
35 40 45

<210> 6946

<211> 85

<212> PRT

<213> Homo sapiens

<400> 6946

Gly Ala Ser Gln Ser Arg Ser Gly Ser Ser Val Arg Phe Pro Val Gly
1 5 10 15
Leu Thr Ala Gly Pro Trp Gly His His Pro His Leu Pro Ala Ser Ile
20 25 30
Ser Glu Thr Glu Ala Trp Glu Pro Pro Gly Pro Pro Glu Ser Gly Arg
35 40 45
Arg Lys Pro Ile Pro Gly Thr Gly Pro Gly Pro Phe Leu Val Arg Gly
50 55 60
Thr Leu Trp Ser Ile Val Gly Gln Arg Asn Leu Leu Phe Asn Ile Lys
65 70 75 80
Arg Ile Leu Cys Pro
85

<210> 6947

<211> 57

<212> PRT

<213> Homo sapiens

<400> 6947

Thr Gly Met Asn His His Ala Gln Pro His Leu Gln Phe Leu Lys Lys
1 5 10 15
Ile Leu Arg Ser Val Phe Phe Ile Val Tyr Lys Ser Phe Phe Val Ile
20 25 30

6153

Thr Lys Ile His Ala Phe Gly Arg Asn Thr Asn Ile Gln Arg Cys Ser
 35 40 45

Ile Lys Leu Thr Phe Tyr Arg Thr Phe
 50 55

<210> 6948

<211> 75

<212> PRT

<213> Homo sapiens

<400> 6948

Ala Lys Glu Leu Ile Asp Asp Tyr Phe Ala Phe Ser Lys Ile Val Phe
 1 5 10 15

Asn Val Gly Ile Tyr Pro Ile Phe His Arg Asn Lys Val Gly Cys Ser
 20 25 30

Gly Ser Asn Phe Lys Cys Arg Leu Val Ile Ser Lys Cys Asn Gly Thr
 35 40 45

Ile Ile Ser Leu Val Gln Glu Thr Lys Leu Leu Pro Asn Leu Leu Leu
 50 55 60

Phe Cys Phe Phe Met Ala Tyr Phe Lys Leu Lys
 65 70 75

<210> 6949

<211> 61

<212> PRT

<213> Homo sapiens

<400> 6949

Arg Lys His Gly Arg Thr Cys Trp Trp Gly Pro Ser Asn Ile Gln Leu
 1 5 10 15

Asn Leu Ser Pro Pro Ser Ser Pro Val Leu Cys Arg Asp Gly Ser Arg
 20 25 30

Leu Leu Cys Gly Leu Asp Ile Ser Glu Gln Pro Asn Leu Ala Gly Ile
 35 40 45

Asn Pro Lys Gly Thr Gly Leu Arg Gly Gln Glu Leu Lys
 50 55 60

6154

<210> 6950

<211> 94

<212> PRT

<213> Homo sapiens

<400> 6950

Trp Asp Gln Arg Lys Arg Asn Ser Leu Val Pro Gly Pro Ala His Gly
1 5 10 15

Pro Ala Gln Glu Glu Pro Trp Glu Lys Lys Glu Ser Leu Gly Ala Ala
20 25 30

Gln Glu Ala Leu Ser Ile Gln Leu Gln Pro Lys Glu Thr Gln Pro Phe
35 40 45

Pro Lys Ser Glu Gln Val Tyr Leu His Phe Leu Ser Val Val Thr Glu
50 55 60

Asp Gly Pro Glu Pro Lys Asp Lys Gly Ser Leu Pro Gln Pro Pro Ile
65 70 75 80

Thr Glu Val Glu Ser Gln Val Phe Ser Glu Lys Leu Ala Thr
85 90

<210> 6951

<211> 73

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

6155

<220>
<221> SITE
<222> (12)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (13)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (18)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6951
Gly Asn Lys Xaa Xaa Val Pro Xaa Val Xaa Pro Xaa Xaa Thr Met Asp
1 5 10 15
Pro Xaa Ala Ala Asp Ser Ala Glu Gln Arg Gln Arg Glu Pro Ala Gly
20 25 30
Pro Gln Val Ser Ser Asp Ala Ser Glu Ile Ser Cys Val Phe Val Ser
35 40 45
Ser Glu Leu His Arg Ser Leu Thr Leu Glu Pro Ala Cys Leu Pro Ala
50 55 60
Ala Val Leu Cys Ile Leu Arg Asn Gln
65 70

<210> 6952
<211> 116
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (2)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (4)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE

6156

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6952

Arg Xaa His Xaa Leu Glu Leu His Arg Gly Ala Xaa Ala Leu Glu Leu
 1 5 10 15

Val Asp Pro Pro Gly Cys Arg Asn Ser Ala Arg Ala Phe Pro Leu Lys
 20 25 30

Arg Arg Arg Lys Arg Glu Gly Glu Gln Glu Lys Lys Lys Leu Pro Tyr
 35 40 45

Met Ser Val Phe Leu Tyr Lys Lys Val Thr Pro Tyr Lys Glu Thr Thr
 50 55 60

Ile Gln Ala Gly Ala Arg Gly Leu Gly Ser Arg Gly Ile Pro Gly Glu
 65 70 75 80

Gln Ser Gln Gly Ile Pro Ser Lys Ser Pro Thr Cys Ser Glu Tyr Pro
 85 90 95

Thr Asn Val Ser Gly Ala Ser Ala Glu Val Ala Met Leu Asn Ala Ser
 100 105 110

Ser Ile Pro Gly
 115

<210> 6953

<211> 92

<212> PRT

<213> Homo sapiens

<400> 6953

Leu Ser Ile Val Cys Arg Met Asp Glu Arg Glu Ala Ala Glu Arg Gln
 1 5 10 15

Gln Gly His Ser Ala Ser Ser Gly Gly Arg Ser His Leu Met Glu Glu
 20 25 30

Asn Gln Phe Lys Glu Met Pro Phe Leu Tyr Arg Thr Pro Phe Asn Ser
 35 40 45

Ile Gln Glu Glu Arg Glu Ala Ala Ile Leu Arg Leu Ser Lys Tyr Ser
 50 55 60

Arg Gly Cys Pro Arg Met Ala Val Met Pro Gly Phe Trp Gln Val Pro
 65 70 75 80

6157

Asp Ser Ile Thr Ser Pro Ala Ser Leu His Gln Ile
 85 90

<210> 6954

<211> 95

<212> PRT

<213> Homo sapiens

<400> 6954

Trp Ile Pro Arg Ala Ala Gly Ile Arg His Glu Gly Gln Arg Trp Phe
 1 5 10 15

Tyr Pro Cys Leu Leu Leu Phe Phe Ser Leu Arg Phe Leu Arg Arg Arg
 20 25 30

Leu Leu Ser Arg Lys Cys Ala Val Val Ile Leu Glu Arg Leu Glu Ala
 35 40 45

Leu Leu Ala Thr Leu Gly Pro Arg Arg Ala His Val Met Thr Pro Thr
 50 55 60

Pro Gly Glu Arg Arg Arg Cys Gly Thr His Arg Pro Thr Gly Arg Val
 65 70 75 80

Ser Gly Gly Thr Leu Ile Val Ala Gly Arg Ser Gly Ala Ala Val
 85 90 95

<210> 6955

<211> 73

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

6158

<400> 6955

Xaa Ser Val Phe Xaa Glu Glu Gln Lys Met Glu Gln Leu Asp Xaa Arg
 1 5 10 15

Ala Leu Ala Pro Leu Val Met Leu Pro Ala Thr Arg Thr Cys Asp Leu
 20 25 30

Val Gln Lys Arg Ala Ala Val Leu Ser Ser Trp Trp Gln Val Met Tyr
 35 40 45

Met Val Arg Arg Gln Arg Asp Ala Met Val Ala Gly Ala Ala Val Val
 50 55 60

Glu Ser Thr Gly Arg His Ser Ala Trp
 65 70

<210> 6956

<211> 114

<212> PRT

<213> Homo sapiens

<400> 6956

His Pro Val Leu Pro Ser Val His Leu Ala Asp Pro Gly Gly Leu Cys
 1 5 10 15

Pro Trp Gly Arg Gly Arg Arg Arg Gly Asp Cys Pro Arg His Pro His
 20 25 30

Gly Gly Leu Cys Gly Leu Phe Pro Gly Leu Pro Asp Gly His Ile Pro
 35 40 45

Gly Asp Leu Ser Arg Arg Val Arg Gly Gly Gln Gly Gly Ala Glu Arg
 50 55 60

Pro Val Phe Pro Val Gly Arg Arg Arg Gln Gly Arg Arg Glu Gln Arg
 65 70 75 80

Lys Ala His Arg Ala Glu Ala His Ala Glu Gly Gly Pro Ala Gly Thr
 85 90 95

Gly Gly Asp Arg Val Arg Gly Leu Ser Arg Thr Pro Val Tyr Thr His
 100 105 110

Ser Ser

<210> 6957

6159

<211> 26
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (12)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (13)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (16)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 6957
 Val Leu Ser Met Phe Ile His Lys Asn Lys Ser Xaa Xaa Tyr Phe Xaa
 1 5 10 15

Ser Leu Arg Met Leu Lys Lys Ala Asn Pro
 20 25

<210> 6958
 <211> 28
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (2)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (3)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (11)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (23)

6160

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6958

Trp	Xaa	Xaa	Gly	Leu	Gln	Glu	Phe	Gly	Arg	Xaa	Gln	Lys	Ser	Ser	Leu
1				5					10					15	

Ala	Thr	Phe	Val	Gly	Ser	Xaa	Pro	Ser	Xaa	Gly	Pro
			20					25			

<210> 6959

<211> 73

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

6161

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (71)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6959

Arg	Pro	Ala	Ser	Arg	Ala	Gly	Leu	Lys	Ala	Xaa	Pro	Leu	Leu	Xaa	Lys
1				5					10					15	

Ser	Trp	Pro	Pro	Lys	Xaa	Cys	Leu	Xaa	Glu	Thr	Ala	Arg	Thr	Phe	Asn
			20					25					30		

Phe	Xaa	Pro	Ala	Gly	Ser	Asp	Leu	Gly	Trp	Ile	Leu	Val	Xaa	Phe	Pro
		35					40					45			

Leu	Leu	Gln	Xaa	Pro	Pro	Pro	Leu	Pro	Arg	Pro	Phe	Phe	Phe	Phe	Phe
	50					55					60				

Xaa	Lys	Xaa	Val	Phe	Tyr	Xaa	Glu	Ile
65					70			

<210> 6960

<211> 49

<212> PRT

<213> Homo sapiens

<400> 6960

Pro	Ala	Ala	Pro	Ser	Phe	Ala	Trp	Thr	Leu	Thr	Ser	Phe	Met	Val	Leu
1				5					10					15	

Leu	Leu	Gln	Gly	Gln	Pro	Pro	Ser	Ser	Ser	Ala	Ser	Lys	Leu	Cys	Asn
		20					25						30		

Leu	Gln	Pro	Ala	Pro	Val	Pro	Asp	Cys	Ile	Thr	Ser	Asp	Leu	His	Trp
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6162

35

40

45

Phe

<210> 6961

<211> 73

<212> PRT

<213> Homo sapiens

<400> 6961

Phe Tyr Ala Ser Leu Phe Leu Arg Trp Ser Thr Ile Ser Glu Asn Leu
 1 5 10 15

Phe Ala Thr Thr Gly Tyr Pro Gly Lys Met Ala Ser Gln Phe Gln Ile
 20 25 30

His His Leu Gly His Pro Gln Pro Ile Leu Met Gly Ser Val Ala Val
 35 40 45

Gly Ser Gly Leu Ser Trp His Arg Thr Leu Pro Leu Cys Val Ile Gly
 50 55 60

Arg Glu Thr Thr Ser Cys Cys Phe Gly
 65 70

<210> 6962

<211> 84

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6962

Leu Thr Asn His Ser Tyr Pro Arg Tyr Ser Lys Xaa Leu Thr Gln Lys
 1 5 10 15

Pro Asn Asn Ala Tyr Asn Phe Phe Gly Val Lys Ser Thr Ser Leu Val
 20 25 30

6163

Val Asp Tyr Gln Glu Gly Leu His Gly Arg Lys Ala Glu Cys His Arg
 35 40 45

Asn Tyr Ser Leu Ala Leu Xaa Val Gly Gly Cys Pro Gly Val Cys Ile
 50 55 60

Thr Ala Thr Phe Phe Phe Phe Leu Asn Ser Tyr Lys Ile His Glu Gln
 65 70 75 80

Ser Asn Gln Tyr

<210> 6963

<211> 70

<212> PRT

<213> Homo sapiens

<220>

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<400> 6963

Asp Ile Leu Asn Leu Glu Leu Phe Asn Pro Lys Ile Phe Met Lys Ser
 1 5 10 15

Leu Ser Leu Glu Pro Lys Pro Glu Tyr Ser Tyr Cys Leu Phe Ser Lys
 20 25 30

Cys Ser Gly Lys Ala Leu Pro Val Gln Ser Phe Gln Asn Glu Gly Glu
 35 40 45

Thr Phe Ala Cys Leu Val Ile Thr Arg Leu Ser Ala Tyr Phe Xaa Asn
 50 55 60

Cys Ile Leu Lys Ile Gly
 65 70

<210> 6964

<211> 74

<212> PRT

<213> Homo sapiens

<400> 6964

Arg Pro Ala Arg Ser Pro Ala Glu Val Gly Ser Arg Gly Leu Ser Ser
 1 5 10 15

6164

Pro Pro Arg Ala His His Arg Pro Val Ser Pro Ala Ala Pro Gly Arg
 20 25 30

Trp Ser Thr Ser Ala Arg Val Arg Thr Arg Lys Met Val Asn Tyr Ala
 35 40 45

Trp Ala Gly Arg Thr Glu Glu Thr Leu Val Glu Val Arg Ser Gly Pro
 50 55 60

Asp Val Gln Ile Gly Arg Pro Thr Trp Val
 65 70

<210> 6965

<211> 38

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6965

Lys Ala Glu Thr Lys Pro Glu Leu Thr Pro Lys His Val Asp Xaa Val
 1 5 10 15

Thr Xaa Met Ser Leu Phe Gly Ile Thr Leu Leu Phe Met Ser His Ile
 20 25 30

Leu Val Gly Ser Ser Asp
 35

<210> 6966

<211> 31

<212> PRT

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6165

<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6966

Asn	Ser	Ala	Xaa	Asp	Trp	Ser	Lys	Xaa	Cys	Ile	Leu	Arg	Asp	Met	Asn
1				5				10					15		

Val	Gln	Ser	Leu	Asp	His	Glu	Asp	Asp	Arg	Ile	Pro	Arg	Asn	Ser
			20					25					30	

<210> 6967

<211> 79

<212> PRT

<213> Homo sapiens

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6166

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<221> SITE

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<400> 6967

Val	Gly	Leu	Leu	Ser	Phe	Ser	Xaa	Glu	Gly	Ser	Leu	Ala	Leu	Xaa	Val
1				5					10					15	

Xaa	Glu	Asp	Gly	Leu	Ile	Glu	Gly	Xaa	Val	Xaa	Ser	Trp	Asn	Pro	Asn
			20					25					30		

Ser	Cys	Val	Xaa	Gly	Val	Thr	Leu	Val	Leu	His	Asn	Val	Xaa	Leu	Trp
		35					40					45			

Trp	Ile	Gly	Xaa	Thr	Glu	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Phe	Xaa	Ile	Xaa
	50					55					60				

Xaa	Cys	Xaa	Xaa	Xaa	Ser	Xaa	Lys	Ser	Val	Phe	Glu	Gly	Xaa	Gln
65					70					75				

<210> 6968

<211> 115

<212> PRT

<213> Homo sapiens

6168

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6169

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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 6968
 Met Leu Phe Ile Leu Pro Thr Asn Leu His Ser Ser His Gly Ile Thr
 1 5 10 15
 Ala Gln Thr Thr Trp Gln Thr Glu Arg Gln Met Gln Ser Cys Thr Asp
 20 25 30
 Ser Val Gly Pro Ala Gly Val Gly His Leu Asn Arg Pro Leu Leu Pro
 35 40 45
 Asn Ser Leu Arg Trp Val Glu Gln Glu Gly Leu Pro Trp Pro Arg Xaa
 50 55 60
 His Gly Arg Lys Xaa Xaa Phe Phe Ser Arg Arg His Val Ile Val Gly
 65 70 75 80
 Xaa Xaa Xaa Tyr Ile Ile Leu Gly Xaa Pro Xaa Phe Leu Lys Asn Ser

6170

	85		90		95
Xaa Arg Val	Xaa Lys Ile	Xaa Xaa Lys Trp Gly	Xaa Xaa Xaa Lys Val		
	100	105	110		
Xaa Xaa Ile					
	115				

<210> 6969

<211> 63

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (59)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6969

Lys Ser Phe Leu Ser Leu Tyr Leu Gly Leu Phe Thr Phe Arg Phe Phe
1 5 10 15

Phe Asn Val Ile Ile Phe Thr Leu Trp Ile Ser Asn Phe Val Pro Phe
20 25 30

Lys Ile Arg Asp Arg Arg His Ile Gln Leu Asp Leu Leu Met Thr Phe
35 40 45

Cys Trp Thr Thr Phe Leu His Glu Cys Phe Xaa Ala Leu Gly Asp
50 55 60

<210> 6970

<211> 99

<212> PRT

<213> Homo sapiens

<220>

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<222> (75)

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<221> SITE

<222> (89)

<223> Xaa equals any of the naturally occurring L-amino acids

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6171

<221> SITE

<222> (94)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (98)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6970

Ala	Leu	Pro	Asn	Ala	Gly	Thr	His	Ser	Val	Thr	Arg	Thr	Arg	Phe	Leu
1				5					10					15	

Ser	Val	Pro	Phe	Leu	Pro	Met	Leu	Val	Pro	Phe	Ala	Ile	Asp	Ser	Gly
			20				25						30		

Leu	Ile	Ser	Gly	Lys	Thr	Ala	Leu	Cys	Asn	Phe	Leu	Tyr	Leu	Leu	Arg
		35					40					45			

Val	Gln	Ser	Gly	Gly	Glu	Arg	Leu	Arg	Asp	Pro	Gly	Phe	Ser	Trp	Cys
	50					55					60				

Phe	Ile	Gly	Ser	Asp	Trp	Val	Met	Ser	Pro	Xaa	Tyr	Glu	Thr	Asn	Cys
65					70					75					80

Cys	Gly	Leu	Gln	Lys	Cys	Gly	Gln	Xaa	Pro	Leu	Asp	Ser	Xaa	Gly	Phe
				85					90					95	

Ser Xaa Cys

<210> 6971

<211> 70

<212> PRT

<213> Homo sapiens

<220>

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<222> (9)

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<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (21)

6172

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (31)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (54)

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<220>

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (69)

<223> Xaa equals any of the naturally occurring L-amino acids

6173

<400> 6971

Tyr Pro Trp Lys Gly Phe Arg Gln Xaa Ser Ser Ser Gly Asn Ser Xaa
 1 5 10 15

Glu Ser Arg Trp Xaa Ser Trp Xaa Met Ala Phe Ser Gly Xaa Xaa Ser
 20 25 30

Pro Gly Thr Gly Cys Leu Xaa Tyr Lys His Xaa Xaa Thr His Met Xaa
 35 40 45

Glu Val Lys Lys Ser Xaa Phe Arg Lys His Phe Phe Asn Gly Leu Asn
 50 55 60

Xaa Gly Gly Phe Xaa Phe
 65 70

<210> 6972

<211> 59

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6972

Val Xaa Leu Val Ala Asp Leu Ser His Ala Leu Arg Ile Arg Leu Tyr
 1 5 10 15

Lys Tyr Ile Trp Ala Lys Pro Ser Xaa Ala Met Gly Met Trp Lys Arg
 20 25 30

Tyr Val Gly Ser Ser Val Glu Tyr Gln Ser Met Met Arg Thr Phe Ser
 35 40 45

Arg Pro Ser Ser Gly Leu Glu Phe Gly Phe Gln
 50 55

<210> 6973

<211> 59

6174

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6973

Gln	Ala	Ser	Leu	Gly	Ser	Xaa	Thr	Gln	Trp	Phe	Xaa	Phe	Ser	Lys	Cys
1				5				10					15		

Ser	Lys	Arg	Ala	Ser	Thr	Asn	Val	Gln	Val	Asn	Phe	Xaa	Ser	Phe	Cys
		20					25						30		

Leu	Gly	Ile	Met	Phe	Ala	Thr	Val	Leu	Leu	Asn	Gln	Ser	Lys	Ser	Phe
		35					40					45			

Met	Asn	Gln	Pro	Arg	Phe	Gln	Gly	Leu	Glu	Glu
	50					55				

<210> 6974

<211> 46

<212> PRT

<213> Homo sapiens

<220>

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<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (42)

6175

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6974

Asn	Ser	Ala	Gln	Leu	Gln	Leu	Leu	Lys	Val	Arg	Phe	Arg	Leu	Phe	Asn
1				5				10					15		
Pro	Leu	Leu	Met	Asn	Ala	Asn	Met	Xaa	Gln	Xaa	Trp	Val	Gly	Ile	Leu
			20					25					30		
Gln	Val	Ile	Phe	Ile	Ser	Ala	Gln	Arg	Xaa	Lys	Thr	Ile	Ser		
		35					40					45			

<210> 6975

<211> 52

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6975

Phe	Gly	Xaa	Asn	Arg	Ser	Gly	Ser	Arg	Thr	Leu	Pro	Ser	Thr	Ala	Glu
1				5				10					15		
Gln	Pro	Ala	Arg	Glu	Val	Glu	Gly	Leu	Gly	Arg	Ala	Pro	Gly	Lys	Glu
			20					25					30		
Trp	Glu	Met	Val	Arg	Ile	Gly	Val	Gly	Gly	Ala	Lys	Arg	Gly	Xaa	Ser
		35					40					45			
Pro	Arg	Cys	Thr												
		50													

<210> 6976

<211> 84

<212> PRT

<213> Homo sapiens

<220>

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6176

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6976

Ala	Ser	Arg	His	Gln	Asn	Asn	Val	Ser	Ser	Glu	Ile	Asn	Ser	Gly	Ile
1				5				10						15	

Pro	Pro	Arg	Asn	Met	Ala	Asn	Arg	Arg	Asn	His	Lys	Glu	Trp	Gly	Pro
			20					25						30	

Gln	Gly	Gly	Gly	Trp	Ser	Asn	Asp	Glu	Leu	Thr	Thr	Leu	Ile	Ile	Pro
		35					40					45			

Ser	Lys	Trp	Val	His	Ile	Tyr	Gln	Xaa	Gly	Gly	Leu	Leu	Leu	Leu	Phe
	50					55					60				

Ala	Xaa	Met	Leu	Lys	Xaa	Xaa	Val	Gly	Cys	Phe	Xaa	Gly	Lys	Cys	Pro
65					70					75					80

Gly Glu Xaa Ser

<210> 6977

<211> 65

6177

<212> PRT
<213> Homo sapiens

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6178

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<400> 6977

Glu	Ala	Pro	Arg	Xaa	Gly	Xaa	Pro	Ile	Xaa	Phe	Gly	Gly	Xaa	Cys	Cys
1				5					10					15	

Asp	Phe	Gln	Ile	Xaa	Xaa	Xaa	Gly	Xaa	Phe	Gly	Ile	Tyr	Glu	Glu	Xaa
		20					25						30		

Trp	Gly	Xaa	Xaa	Xaa	Gly	Xaa	Gly	Xaa	Trp	Gly	Glu	Val	Xaa	Xaa	Ile
		35					40					45			

Phe	Gln	Gly	Gly	Leu	Xaa	Lys	Gly	Xaa	Lys	Lys	Xaa	Lys	Xaa	Xaa	Xaa
	50					55					60				

Pro

65

<210> 6978

<211> 60

<212> PRT

<213> Homo sapiens

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6180

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6181

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Asn	Xaa	Met	Ile	Pro	Lys	Xaa	Val	Xaa	Lys	Met	Xaa	Xaa	Phe	Xaa	Gly
			20					25					30		

Gly	Gln	Xaa	Gly	Ile	Xaa	Gly	Xaa	Xaa	Xaa	Xaa	Val	Gln	Pro	Xaa	Arg
		35				40						45			

Xaa	Xaa	Xaa	Pro	Leu	Pro	Cys	Phe	Xaa	Pro	Arg	Gly
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<210> 6979

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 1 5 10 15

Asn Trp Phe Gly Pro Xaa Xaa Xaa Leu Leu Xaa Gly Xaa Ala Xaa Arg
 20 25 30

Leu Xaa Glu Arg Gly Gly Xaa Xaa Arg Gly Xaa Xaa Pro Asp Trp Xaa
 35 40 45

Arg Trp Ala Xaa Leu Gly Xaa Gly Asn Arg Val Phe Ala Leu Gly Gly

6184

50

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<210> 6980

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 Xaa Val Leu His Arg Lys Val Phe Xaa Met Val Gly Ser Gln Lys Asn
 20 25 30
 Leu Pro Arg Xaa Leu Met Leu Xaa Val Xaa Phe Xaa Glu Xaa Leu Xaa
 35 40 45
 Thr Xaa Glu Xaa Asp Cys Xaa Xaa Gly Xaa Gly Xaa Cys Trp Lys Gln
 50 55 60
 Gln Glu Ala Xaa
 65

<210> 6981
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1				5					10					15	

Trp	Arg	Arg	Xaa	Leu	Gly	Arg	Glu	Leu	Ala	Ser	Ser	Pro	Ser	Thr	Xaa
			20					25					30		

Lys	Pro	Gly	Asp	Ala	Pro	Xaa	Trp	Ala	Gly	Pro	Thr	Lys	Gly	Pro	Xaa
		35					40					45			

Pro	Gln	Gly	Arg	Ala	Pro	Gly	Ala	Gly	Phe	Pro	Arg	Glu	Ala	Thr	Phe
	50					55					60				

Pro	Leu	Val	His	Gly	Pro	Gly	Ile	Asp	Ala	Pro	Phe	Gly	Gln	Xaa	Pro
65					70					75					80

Gly	Xaa	Ser	Lys	Val	Gly
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<210> 6982

<211> 83

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<400> 6982

Arg	Leu	Ala	Leu	Arg	Pro	Ser	Asp	Leu	His	Ile	Trp	Gly	Gln	Phe	Cys
1				5						10				15	

Leu	His	Trp	Phe	Leu	Pro	Leu	Asp	Gly	Thr	Gly	Leu	Arg	Trp	Leu	Arg
			20					25					30		

Leu	Ala	Ala	Trp	Ala	Phe	Leu	Phe	Lys	Ile	Pro	Trp	Xaa	Gly	His	Thr
			35					40				45			

6189

Xaa Lys Thr His Xaa Ala Asp Glu Glu Asn Glu Arg Leu Arg Xaa Asp
50 55 60

Xaa Gln Xaa Leu Arg Xaa Leu Trp His Arg Gly Xaa Phe Ser Ser Pro
65 70 75 80

Xaa Lys Ser

<210> 6983

<211> 126

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<400> 6983

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1				5					10					15	

Val	Leu	Cys	Phe	Glu	Asn	Leu	Phe	Phe	Pro	Gln	Xaa	Ser	Leu	Thr	Tyr
			20					25					30		

Phe	Leu	Gln	Thr	Asp	Arg	Ile	Gln	Arg	Lys	Asn	Ser	Pro	Ser	Phe	Ile
		35					40					45			

His	Tyr	Glu	Met	Asn	Phe	Ser	Phe	Glu	His	Val	Ile	Leu	Leu	Phe	Cys
	50					55					60				

Ser	Asn	Gly	Asp	Gln	Arg	Asp	Thr	Gly	Xaa	Pro	Pro	Val	Phe	Ser	Ser
65					70					75					80

Ser	Phe	Gln	Phe	Trp	Thr	Xaa	Lys	Glu	Arg	Gly	Leu	Val	Xaa	Ile	Val
				85					90					95	

Ala	Xaa	Leu	Xaa	Leu	Xaa	Gln	Ala	Cys	Gly	Asp	Xaa	Arg	Xaa	Xaa	Gly
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6191

100	105	110
Val Xaa Gly Ser Arg Val Leu Val Met Xaa Asn Val Xaa Phe		
115	120	125

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<211> 58

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Ile Xaa Asn Phe Pro Xaa Cys Thr Xaa Xaa Xaa Leu Ala Xaa Lys Gly
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Lys Val Lys Leu Trp Leu Val Ile Gln Xaa Xaa Leu Met Xaa Pro Xaa
 20 25 30

Lys Leu Ala Ala Lys Xaa Gly Xaa Pro Ala Xaa Xaa Leu Val Trp Gly
 35 40 45

Gln Gly Xaa Pro Xaa Val Pro Pro Xaa Xaa
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Ile Lys His Thr Leu Ile Lys Cys Ala Phe Xaa Ile Asn Ser Gln Cys
 1 5 10 15

Leu Xaa Phe Ser Ser Gly Arg Glu Pro Ala Leu Ala Leu Gly Glu Ser
 20 25 30

Ser Thr Ala Glu Val Lys Leu Met Arg Ala His Gln Gly Met Leu Glu
 35 40 45

Gly Gly Gly
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Ala	Lys	Xaa	Gln	Ile	Gln	Ala	His	Ser	Ala	Pro	Ser	Phe	Xaa	Gly	Phe
			20					25					30		

Pro	Xaa	Phe	Ala	Leu	Arg	Gly	Xaa	Phe	Arg	Gly	Gly	Leu	Gly	Pro	Pro
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6196

35 40 45
Gly Xaa Gly Leu Gln Xaa Xaa Val Phe Xaa Pro His Gly Leu Xaa Xaa
50 55 60
Gly Pro Xaa Xaa Xaa Val Phe Pro Gly Ala Xaa Gly Xaa Xaa Gly Xaa
65 70 75 80
Xaa Asn Xaa Trp

<210> 6987
<211> 132
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<400> 6987

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Arg	Arg	Cys	His	Ala	Xaa	Val	His	Arg	Ser	Gln	Cys	Xaa	Leu	Cys	Arg
			20					25					30		

Leu	Gly	Ala	Ala	Gly	Glu	Arg	Gly	Arg	Gln	Pro	Gly	Arg	Gly	Thr	Gly
		35					40						45		

Thr	Pro	Gly	Glu	Pro	Ser	Arg	Pro	Lys	Ala	Leu	Xaa	Leu	Pro	Gln	Ser
	50					55					60				

Val	Ser	Xaa	Gly	Leu	Val	Ala	Leu	Leu	Ala	Ser	Arg	Asn	Leu	Xaa	Xaa
65					70					75					80

Pro	Pro	Leu	His	Trp	Val	Leu	Leu	Ala	Leu	Ala	Leu	Val	Asn	Leu	Xaa
				85					90					95	

Leu	Xaa	Leu	Pro	Val	Xaa	Trp	Gly	Phe	Phe	Cys	Cys	Val	Asn	Tyr	Cys
			100					105					110		

Gly	Xaa	Xaa	Xaa	Ala	Xaa	Xaa	Xaa	Leu	Xaa	Xaa	Xaa	Xaa	Xaa	Asp	Phe
			115					120					125		

Leu	Asp	Leu	Trp
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6199

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<211> 64

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<400> 6988

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Val	Trp	Arg	Thr	Ala	Gln	Met	Gln	Leu	Tyr	Glu	His	Tyr	Gly	Lys	Cys
			20					25					30		

Ala	Gly	Lys	Lys	Arg	Gln	Leu	Val	Xaa	Pro	Thr	Phe	Ala	Leu	Val	Ser
		35					40					45			

Arg	Ala	Ser	Trp	Val	Val	Xaa	Cys	Lys	Ala	Pro	Gly	Gly	Gly	Ile	Phe
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<400> 6989

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Lys	Gln	Ala	Ser	Thr	Gly	Xaa	Lys	Leu	Gly	Glu	Val	Phe	Glu
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<210> 6990

<211> 97

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<213> Homo sapiens

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6201

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 1 5 10 15
 Leu Glu Asn Asn Phe Pro Thr Tyr Ser Ile Xaa Ala Ser Lys Val Xaa
 20 25 30
 Gln Xaa Leu Xaa Lys Leu Arg Gly Gly Phe Gly Gly Xaa Gly Phe Phe
 35 40 45
 Thr Leu Xaa Arg Xaa Phe Phe Phe Xaa Phe Leu Xaa Arg Xaa Leu Leu
 50 55 60
 Leu Gly Glu Phe Ala Pro Gly Gly Xaa Leu Phe Ser Arg Xaa Xaa Xaa
 65 70 75 80
 Phe Xaa Gln Xaa Phe Xaa Xaa Gly Val Xaa Gly Xaa Pro Phe Xaa Glu

6203

85

90

95

Xaa

<210> 6991

<211> 43

<212> PRT

<213> Homo sapiens

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<400> 6991

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1

5

10

15

Val Met Trp Arg Ser Arg Arg Val Ile Asp Gly Pro Xaa Leu Glu Trp

20

25

30

Lys Val Gln Ile Pro Ala Thr Gln Leu Lys Arg

35

40

<210> 6992

<211> 57

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1				5				10						15	

Xaa	Asp	Phe	Ile	Gly	Glu	Gly	Ser	Xaa	Gly	Xaa	Xaa	Glu	Xaa	Xaa	Thr
			20					25					30		

Val	Val	Xaa	Xaa	Cys	His	Gln	Pro	Trp	Pro	Gln	Leu	Ala	Xaa	Leu	Gly
		35					40					45			

Phe	Gly	Arg	Lys	Pro	Asp	Xaa	Xaa	Pro
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<400> 6993

Gln Met Xaa Tyr Met Thr Lys Glu Thr Val Ser Asn Ser Leu Asn Ser
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Pro Leu Trp Xaa Asp Leu Leu Xaa Ile Thr Lys Leu Leu Leu Phe Ser
 20 25 30

Gln Lys Arg Ile Ser Xaa Trp Met Val His Gly Asn Xaa Phe Xaa Xaa
 35 40 45

Xaa Gly Xaa Xaa Xaa Gly Val Xaa Gly Xaa Xaa Xaa Xaa Xaa Phe Gly
 50 55 60

Gly Phe Phe Gly Pro Xaa Xaa Leu Xaa Xaa Pro Pro Xaa Xaa Gly Gly
 65 70 75 80

Phe Phe Xaa Asn Xaa Pro Xaa Phe Gly Xaa Gly Gly Gly Asn Xaa Xaa

6209

85

90

95

Pro Arg Pro Xaa
100

<210> 6994

<211> 69

<212> PRT

<213> Homo sapiens

<400> 6994

Gly Arg Ala Glu Pro Arg Arg Ala Trp Ala Val Gly Ser Gly Lys Gly
1 5 10 15

Ser Val His Ser Gly Thr Pro Val Lys Pro Val Gln Pro Ser Val Ser
20 25 30

Cys Gly His Leu Glu Ser Thr Leu Ser Leu Leu Cys Pro Ser Thr Pro
35 40 45

Arg Thr Val Ser Leu Ser Gln Met Glu Ala Glu Leu Asn Thr Leu Arg
50 55 60

Trp Met Met Glu Thr
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<210> 6995

<211> 63

<212> PRT

<213> Homo sapiens

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<400> 6995

Phe Lys Pro Asp Asp His Asn Leu Xaa Met Glu Val Val Arg Ile Phe
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Gly Pro Gln Gly Pro Glu Asn Pro Gln Cys Ser Xaa Gly Asp Thr Leu
20 25 30

Gln Lys Asn Val Cys Xaa Pro Glu Lys Gly Val Gly Pro Leu Val Ala
35 40 45

Ala Ala Thr Val Pro Val Tyr Met Gly Pro Val Lys Ile Xaa Gly
50 55 60

<210> 6996

<211> 106

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 1 5 10 15

 Gln Gly Ser Thr Arg Arg Met Xaa Val Met Xaa Xaa Val His Arg Xaa
 20 25 30

 Phe Leu Xaa Phe Leu Met Thr His Gly Val Leu Lys Glu Trp Glu Arg

6212

	35		40		45														
Glu	Arg	Pro	Cys	Arg	Gly	Thr	Ala	Thr	Arg	Ser	Met	Asn	Arg	Ser	Ala				
	50					55					60								
His	Arg	Arg	Xaa	Xaa	Trp	Arg	Thr	Ser	Ser	Asn	Asn	Ile	Xaa	Gln	Xaa				
	65				70					75					80				
Phe	Gly	Ser	Pro	Cys	Ile	Leu	Arg	Leu	Lys	Arg	Arg	Ser	Ala	Arg	Lys				
				85					90						95				
Asp	Asp	Gly	Xaa	Thr	His	Phe	Met	Xaa	Trp										
			100					105											

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 Cys Pro Arg Pro Phe Val Ser His Ser Xaa Gln Trp Gly Trp Leu Xaa
 20 25 30
 Leu Cys Gln Ala Lys Val Gln Gly Met Glu Val Gln Leu Cys Xaa Lys
 35 40 45
 Val Glu Pro Xaa Trp Asp Arg Gly Ser Phe Ser Ser Lys Ala Xaa Ala
 50 55 60
 Trp Xaa Tyr Glu Trp Xaa Xaa Arg Gly
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<210> 6998
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<400> 6998

Gly	Thr	Ser	His	Ser	Lys	Pro	Gly	Ser	Thr	Xaa	Thr	Thr	Leu	Ser	Pro
1				5					10					15	

Gly	Ser	Ile	Thr	Thr	Ser	Ser	Phe	Ala	Gln	Xaa	Phe	Thr	Thr	Pro	His
			20					25					30		

Ser	Gln	Pro	Gly	Ser	Ala	Leu	Xaa	Thr	Val	Ser	Pro	Ala	Ser	Thr	Thr
		35					40					45			

Val	Pro	Gly	Leu	Ser	Glu	Glu	Ser	Thr	Thr	Phe	Tyr	Ser	Ser	Pro	Gly
	50					55					60				

Ser	Thr	Glu	Thr	Thr	Ala	Phe	Xaa	His	Ser	Asn	Thr	Ser	Ala	Tyr	Pro
65					70					75					80

Arg	Glu	Asn	Gly	Thr	Gly	Asn	Ser	Met	Met	Cys	Leu	Lys	Ser	Xaa	Arg
			85						90					95	

Lys	Glu	Gly	Thr	Pro	Gly	Ile	Xaa	Pro	Glu	Asp	Gly	His	Leu	Gly	Arg
			100					105						110	

Thr	Arg	Ile
		115

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Ala	Arg	Pro	Arg	Pro	Ile	Arg	His	Ser	Xaa	His	Phe	Thr	Arg	Xaa	Xaa
1				5					10					15	
Phe	His	Lys	His	Ile	Xaa	Ile	Leu	Gln	Gln	His	Phe	Xaa	Met	Val	Pro
			20					25					30		
Ala	Val	Glu	Xaa	Ser	Asn	Val	Lys	Xaa	Xaa	Xaa	Pro	Pro	Ser	His	Ile
		35					40						45		
Ala	Ser	Ser	Thr	His	Phe	Phe	Gly	Lys	Leu	Ser	Ser	Ala	Cys	Asn	Met
	50						55					60			
Leu	Pro	Lys	Xaa	Xaa	Arg	Lys	Gln	His	Trp	Arg	Pro	Val	Phe	Arg	Asn
65					70					75					80

<210> 7000

<211> 77

<212> PRT

<213> Homo sapiens

<400> 7000

Leu	Leu	Asp	Ala	Lys	Ser	Val	Phe	Thr	Lys	Thr	Ile	Gln	Met	Leu	Leu
1				5					10					15	
Asn	Tyr	Gln	Ile	Ser	Phe	Pro	Thr	Phe	Gly	Lys	Gly	Val	Ala	Leu	Ile
			20					25					30		
Pro	Tyr	Trp	Asp	Tyr	Lys	Leu	Val	Met	Val	Phe	Gly	Lys	Gln	Phe	Gly
		35					40					45			
Asn	Met	His	Gln	Lys	Leu	Leu	Thr	Phe	Phe	Ile	His	Leu	Trp	Pro	Ser
	50						55					60			
Asn	Phe	Ile	Ser	Glu	His	Leu	Phe	Tyr	Gly	Asn	Tyr	Ser			
65					70					75					

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<213> Homo sapiens

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 1 5 10 15
 Leu Phe Lys Leu Ser Xaa Pro Glu Arg Xaa Lys Tyr Gln Arg Arg Xaa
 20 25 30

Asn

<210> 7002
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1				5				10					15		

Lys	Gln	His	Ser	Ala	Pro	Thr	Lys	Leu	Ile	Ser	Ser	Cys	Pro	Ala	Ser
			20				25					30			

Ala	Ser	Val	Ser	Ile	Pro	Ala	Leu	Gly	Phe	Xaa	Xaa	Cys	Leu	Pro	Ile
		35					40					45			

Ser	His	Asn	Gly	Ser	Phe
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<210> 7003

<211> 67

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<213> Homo sapiens

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<400> 7003

His	Glu	Val	Leu	Val	His	Ser	His	His	Leu	Pro	Ser	Val	Pro	Gln	Arg
1				5					10					15	

Phe	Thr	Leu	Ser	Leu	Met	Trp	Asp	Leu	Phe	Pro	Val	Arg	Cys	His	Tyr
			20				25						30		

Phe	Pro	Phe	Pro	Trp	Phe	Thr	Leu	Pro	His	Ile	Gly	Lys	Ala	Leu	Pro
		35					40					45			

6219

Ile Ala Phe Gly Lys Gly Lys Met Xaa Lys Xaa Asn Val Leu Xaa Ser
 50 55 60

Leu Cys Val
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<210> 7004
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 <212> PRT
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 1 5 10 15

Thr Asp Met Leu Arg Leu Ser Asp Trp Glu Ser His Leu Trp Leu Leu
 20 25 30

Pro Cys Xaa Xaa Pro Asn Ser Ser Arg Leu Val Xaa Lys Xaa Xaa Lys

6220

35

40

45

Glu Xaa Ser Leu Gly Leu Gly
50 55

<210> 7005

<211> 70

<212> PRT

<213> Homo sapiens

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6221

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<400> 7005

Ile Phe Val Val Ala Phe Xaa Leu Gly Leu Gln Asn Lys Ala Asp Phe
1 5 10 15

Xaa Phe Gln Xaa Val Pro Phe Leu Pro Xaa Gln Val Tyr Tyr Xaa Xaa
20 25 30

Val Leu His Xaa Val Phe Lys Lys Gln Pro Thr Ile Xaa Thr His Val
35 40 45

Thr Xaa Leu Cys Leu Pro Gln Phe Phe Gly Ser Leu Ala Thr Leu Val
50 55 60

Xaa His Val Gly Leu Asp
65 70

<210> 7006

<211> 62

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<222> (62)

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<400> 7006

Gly Gly Thr Asp Ser Leu Val Gly Gly Trp Gly His Glu Thr Arg Xaa
1 5 10 15

Ala Leu Arg Lys Pro His Cys Arg Gln Thr Phe Leu Asp Glu Glu Ala
20 25 30

Leu Pro Arg Val Pro Arg Phe Xaa Phe Phe Val Gly Ile Gly Asn Glu
35 40 45

Cys Phe Pro Ser Xaa Ala Ser Phe Cys Thr Phe Thr Val Xaa
50 55 60

<210> 7007

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<400> 7007

Ile Leu Phe Thr Thr Gly Met Cys Gly Ile Cys Asn Tyr Ile Xaa Phe
1 5 10 15

6223

Xaa Gly Pro Ile Xaa Gly Leu Ser Phe Leu Glu Leu Ile Ile Leu Pro
 20 25 30

Tyr Tyr Xaa Ile Cys Xaa Ser Gly Ser Ile
 35 40

<210> 7008

<211> 75

<212> PRT

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<400> 7008

Gly Thr Cys Val Leu Arg Leu Cys Leu His Cys Leu Leu Ser Pro Thr
 1 5 10 15

Lys Leu Ser Ser Pro Pro Pro Val Thr Leu Glu Leu Cys Phe Ile Phe
 20 25 30

Lys Glu Glu Arg Glu Xaa Gly Glu Val Thr Ser Xaa Thr Leu Gln His
 35 40 45

Gly His Gln Phe Phe Trp Asn Asn Leu Gly Gly Ser Thr Cys Phe Trp
 50 55 60

Glu Lys Cys Phe Gly Lys Arg Phe Trp Gly Gly
 65 70 75

<210> 7009

<211> 59

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6224

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<400> 7009

Leu	Gly	Asn	Phe	Leu	Asn	Ser	Lys	Lys	Ile	Phe	Ser	Cys	Ser	Leu	Ser
1				5					10					15	

His	Tyr	Ile	Trp	Phe	Ser	Ala	Tyr	Lys	Ser	Lys	Arg	Ile	Ile	Cys	His
			20					25					30		

Ser	Phe	Phe	Lys	Xaa	Val	Phe	Phe	Pro	Asn	Leu	Xaa	Xaa	Asn	Thr	Asn
		35					40					45			

Ile	Ser	Ser	Asn	Gly	Leu	Pro	Xaa	Ser	Ala	Gly
	50					55				

<210> 7010

<211> 86

<212> PRT

<213> Homo sapiens

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<400> 7010

Gly	Thr	Ser	Thr	Ala	Pro	Ser	Gln	Phe	Tyr	Tyr	Thr	Ala	Val	Val	Ser
1				5					10					15	

Ala	Tyr	Lys	Phe	Xaa	Ser	Ser	Cys	Pro	Phe	Trp	Pro	Thr	Leu	Ala	Leu
			20					25					30		

Ile	Ile	Ile	Leu	Lys	Pro	Gly	Ser	Ser	Ile	Tyr	His	Ala	Phe	Ile	Leu
		35					40					45			

6225

Glu Ile Asn Leu Gly Ser Asp Thr Gln Val Arg Ile Ile Tyr Gly Gly
50 55 60

Trp Arg Gln Val Ser Ser Asn Gly Thr Val Lys Gly Glu Asp Phe Ser
65 70 75 80

Thr Thr Leu Trp Arg Gly
85

<210> 7011

<211> 115

<212> PRT

<213> Homo sapiens

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6226

<400> 7011

Gly Xaa Gly Arg Pro Asp Pro Ser Glu Xaa Gln Thr Thr Ala Lys His
 1 5 10 15

Gly Gln Glu Arg Lys Cys Ser Gln Ala Tyr Ala Thr Ala Trp Trp Asp
 20 25 30

Leu Thr Val Gly Ser Ser Ser Arg Pro His Leu Pro Leu Pro Thr Thr
 35 40 45

Thr Lys Asn Ser Arg Gln Phe Leu Pro Gly Asn Asn Val Arg Ser Gln
 50 55 60

Ser Pro Glu Thr Gly Met Gly Phe Leu Glu Ser Gly Leu Asp Cys Leu
 65 70 75 80

Leu Trp Lys Thr Leu Pro Arg Ala Pro Xaa Cys Glu Ala Gln Ala Asp
 85 90 95

Gln Asp Pro Ser Asn Trp Xaa Pro Xaa Lys Leu Leu Xaa Pro Xaa Leu
 100 105 110

Val Lys Ile
 115

<210> 7012

<211> 98

<212> PRT

<213> Homo sapiens

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6227

<400> 7012

Lys Ile Glu Gln Gln Thr Cys Leu Pro Asp Phe Leu Lys His Thr Lys
 1 5 10 15

Ser Tyr Gly Val Cys Ala Ile Ser Gly Met Gln Gly Ile Leu Asp Met
 20 25 30

Pro Gly Val Phe Gly Cys Leu Thr Pro Leu Glu Arg Gly Asn Gly Leu
 35 40 45

Cys Xaa Cys Thr Val Gly Ser Trp Ala Lys Asp Phe Asp Leu Cys Val
 50 55 60

Pro Ile Leu Gly Gln Gly Lys Val Pro Val Ser Thr Cys Arg Xaa Leu
 65 70 75 80

Gly Ile Asn Gln Arg Val Gly Arg Glu Asn Asn Xaa Ser Xaa Cys Leu
 85 90 95

Asp Thr

<210> 7013

<211> 24

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7013

His Glu Leu Pro Ser Lys Ile Ser Phe Glu Ile Ser Ile Leu Leu Leu
 1 5 10 15

Ser Lys Lys Lys Xaa Xaa Phe Xaa
 20

6228

<210> 7014
<211> 27
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<213> Homo sapiens

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<400> 7014
Gly Arg Ala Thr Met Asn Ser Xaa Leu Asn Xaa Leu Gly Phe Pro Ile
1 5 10 15
Asn Ser Xaa Lys Asp Ile Xaa Xaa Phe Lys Lys
20 25

<210> 7015
<211> 18
<212> PRT
<213> Homo sapiens

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6229

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<400> 7015

Arg	Gly	Xaa	Ala	Ser	Met	Val	Asn	Xaa	His	Pro	Leu	Ser	Xaa	Asn	Phe
1					5			10						15	

Trp Asn

<210> 7016

<211> 66

<212> PRT

<213> Homo sapiens

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<220>
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<400> 7016
 Ile Val Gln Asn Thr Leu Ser Asn Lys Asn Arg Val Tyr Ile Leu Leu
 1 5 10 15
 Lys Leu Ile Gln Asn Ile Ser Pro Gly Xaa Xaa Thr Phe Trp Xaa Leu
 20 25 30
 Gly Tyr Thr Leu Thr Asn Phe Lys Pro Val Lys Ser Xaa Gln Ser Leu
 35 40 45
 Phe Ser Xaa Xaa Met Xaa Phe Asn Leu Lys Phe Thr Thr Xaa Arg Leu
 50 55 60
 Pro Arg
 65

<210> 7017
 <211> 46
 <212> PRT
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6231

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<220>
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<400> 7017
Gln Ala Phe Gly Lys Ser Leu Gln Ile Leu Xaa Pro Pro Phe Tyr Lys
1 5 10 15
Glu Arg Ala Gly Leu Val Ile Cys Pro Xaa Pro Phe Pro Gly Xaa Ile
20 25 30
Xaa Thr Ser Thr Val Tyr Cys Xaa Val Leu Ser Xaa Phe Gln
35 40 45

<210> 7018
<211> 33
<212> PRT
<213> Homo sapiens

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<220>
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6232

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7018

Gly	Asp	Thr	Asp	Thr	Xaa	Ile	Tyr	Cys	Ile	Xaa	Gly	Asn	Arg	Gly	Xaa
1					5				10					15	

Phe	Pro	Leu	Arg	Leu	Pro	Gly	Asn	Arg	Phe	Leu	Gly	Xaa	Met	Val	Pro
			20					25					30		

Glu

<210> 7019

<211> 28

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7019

Phe	Pro	Val	His	Arg	Pro	His	Arg	Gly	His	Xaa	Xaa	Trp	Pro	Gly	Cys
1					5				10					15	

Pro	Ser	Ser	Cys	Gly	Asp	Arg	Ser	Cys	Gly	Arg	Trp
			20					25			

<210> 7020

<211> 31

<212> PRT

<213> Homo sapiens

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6233

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<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7020

Gly	Arg	Xaa	Gly	Thr	Ser	Xaa	Gly	Val	Pro	Ser	Lys	Glu	Ala	Thr	Val
1				5				10						15	

Pro	Asp	Leu	Lys	Xaa	Lys	Xaa	Xaa	Asp	Gln	Ile	Met	Val	Thr	Val
		20					25						30	

<210> 7021

<211> 25

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6234

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7021

Gly	Xaa	Gly	Glu	Ala	Ile	Asn	Xaa	Leu	Xaa	Arg	Phe	Asp	His	Ile	Tyr
1				5				10						15	

Thr	Lys	Xaa	Leu	Xaa	Leu	Glu	Ile	Pro
			20				25	

<210> 7022

<211> 74

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7022

Val	Val	Cys	Xaa	Cys	Xaa	Phe	Leu	Pro	Val	Ser	Cys	Leu	Ser	Val	Asp
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6235

1	5	10	15
Ile Lys Gly Val Leu Val Ser Leu Lys Met Thr Ile Val Ser Ser Val			
20	25	30	
Ser Xaa Phe His Val Asn Leu Gln Leu Gly Thr Pro Leu Gln Lys Arg			
35	40	45	
Lys Ser Xaa Gly Arg Met Arg Glu Arg Lys Glu Xaa Lys Xaa Asp Cys			
50	55	60	
Ile Gly Pro Lys Gly Phe Pro Leu Ile Arg			
65	70		

<210> 7023

<211> 44

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7023

Val Asp Leu Arg Gly Val Lys Glu Ile Asn Lys Gly Ile Phe Val Pro
1 5 10 15

Xaa Phe Pro Trp Lys Gly Ser Gln Met Ala Ile Gly Glu Met Xaa Gly

6236

	20		25		30
Met	Asp	Thr	Xaa	Pro	Arg
				Ala	Ala
				Ser	Xaa
				Trp	Xaa
	35		40		

<210> 7024

<211> 17

<212> PRT

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7024

Pro	Val	Leu	Met	Xaa	Leu	Lys	Val	Gly	Asp	Gln	Xaa	Pro	Gly	Leu	Asn
1				5				10						15	

Val

<210> 7025

<211> 34

<212> PRT

<213> Homo sapiens

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6237

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 <400> 7025
 Cys Trp Gly Ser Lys Trp Gly Asp Gly Glu Leu Gly Ser Pro Xaa Ser
 1 5 10 15

 Lys Gly Val Phe Leu Glu Thr Xaa Met Phe Trp Xaa Gln Arg Ala Xaa
 20 25 30

 Xaa Gly

<210> 7026
 <211> 51
 <212> PRT
 <213> Homo sapiens

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<400> 7026
 Gly Arg Asn Leu Ile Lys Tyr Leu Xaa Val Arg Glu Ala Gly Arg Thr
 1 5 10 15

6238

Leu Glu Ser Tyr Ile Ser Ser Glu Tyr Gln Met Xaa Xaa Leu Arg Met
 20 25 30

Ser His Gln Ile Leu Cys Xaa Lys Tyr Ile Gly Ser Tyr Leu Thr His
 35 40 45

Tyr Ile Gly
 50

<210> 7027

<211> 54

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7027

Cys Leu Xaa Leu Arg Thr Leu Arg Ala Gly Tyr Gly Arg Glu Lys Lys
 1 5 10 15

Asn Xaa His Lys Asn Glu Ser Tyr Ser Lys Asn Thr Gly Pro Lys Lys
 20 25 30

Ser Phe Tyr Leu Lys Lys Leu Lys Cys Leu Ser His Tyr Lys Phe Leu
 35 40 45

Gly Leu Xaa Phe Phe Pro
 50

<210> 7028

<211> 33

<212> PRT

<213> Homo sapiens

6239

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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7028
 Leu Arg Leu Val Ile Asn Pro Trp Xaa Leu Phe Ala Thr Glu Asn Xaa
 1 5 10 15
 Leu Val Leu Xaa Thr Leu Val Phe Ser Xaa Xaa Pro Trp Ile Thr Trp
 20 25 30

Lys

<210> 7029
 <211> 78
 <212> PRT
 <213> Homo sapiens

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6240

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<400> 7029
 Ala Glu Val Phe Xaa Thr Ala Ser Asp Lys Lys Ile Val Ser Leu Trp
 1 5 10 15
 Tyr Thr Pro Lys Ser Ser Ala Phe Lys Glu Ser Gln Thr Ile Thr Tyr
 20 25 30
 Leu Ser Pro Leu Leu Phe Pro Pro Xaa Gln Ala Gly Phe Ile Xaa Val
 35 40 45
 Tyr Leu Gly Phe Xaa Ser Ile His Arg Gly Thr Asp Ser Val Leu Ser
 50 55 60
 Xaa Ile Leu Lys Xaa Tyr Trp Phe Ile Ile Ala His Phe Tyr
 65 70 75

<210> 7030
 <211> 67
 <212> PRT
 <213> Homo sapiens

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6241

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7030

Thr	Gly	Ser	Phe	Leu	Glu	Trp	Leu	Leu	Xaa	Val	Gly	Ala	Glu	Ala	Arg
1				5					10					15	

Pro	Gly	His	Pro	Ser	Ala	Trp	Asp	Thr	Pro	Arg	Arg	Arg	Gly	Arg	Phe
			20					25					30		

Leu	Glu	Val	Gly	Gly	Leu	Pro	Leu	Ala	Leu	Pro	Ser	Leu	Xaa	Leu	His
		35					40					45			

Thr	Gly	Gly	Gly	Leu	Glu	Xaa	Xaa	Thr	Gly	Xaa	Leu	Ile	Val	Lys	Thr
	50					55					60				

Phe	Leu	Phe
65		

<210> 7031

<211> 25

<212> PRT

<213> Homo sapiens

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6242

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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7031
 Val Pro Xaa Val Xaa Ile Pro Thr Leu Phe His Ile Phe Xaa Lys Cys
 1 5 10 15
 Gly Val Phe Phe Leu Xaa Ala Trp Phe
 20 25

<210> 7032
 <211> 32
 <212> PRT
 <213> Homo sapiens

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<400> 7032
 Gly Thr Gly Arg Glu Arg Thr Ser Leu Gln Phe Phe Phe Phe Phe
 1 5 10 15
 Phe Lys Asn Trp Gly Gly Xaa Leu Gly Phe Xaa Lys Gly Xaa Gly Pro
 20 25 30

6243

<210> 7033

<211> 49

<212> PRT

<213> Homo sapiens

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<222> (21)

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<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7033

Ala Asp Leu Ser Pro Arg Xaa Leu Pro Tyr Tyr Gly Arg Glu Xaa Gly

1

5

10

15

Leu Xaa Leu Leu Xaa Phe Ser Gly Lys Glu Ser Leu Gln Xaa Ser Met

20

25

30

Ser Leu Gly Ser Phe Arg Arg Arg Xaa Glu Pro Arg Leu Ala Gly Arg

35

40

45

Pro

<210> 7034

6244

<211> 17
 <212> PRT
 <213> Homo sapiens

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 <222> (14)
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<400> 7034
 Gly Thr Arg Phe Phe Phe Phe Phe Phe Xaa Xaa Asn Xaa Xaa Leu Phe
 1 5 10 15

Xaa

<210> 7035
 <211> 23
 <212> PRT
 <213> Homo sapiens

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6245

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7035

Ala	Glu	Leu	Glu	Phe	Phe	Phe	Phe	Phe	Phe	Gln	Arg	Gly	Gly	Glu	Val
1				5					10					15	

Xaa	Arg	Gly	Leu	Ser	Xaa	Xaa
			20			

<210> 7036

<211> 75

<212> PRT

<213> Homo sapiens

<400> 7036

His	Glu	Arg	His	Glu	Lys	Leu	Arg	Asn	Tyr	Thr	Lys	His	Ser	Tyr	Glu
1				5					10					15	

Ile	Ser	Gly	His	Gln	Asp	Asn	Gln	Lys	Ile	Ser	Gln	Ser	Leu	Pro	Lys
			20				25						30		

Arg	Glu	Lys	Lys	Ser	His	Ile	Gln	Arg	Ile	Arg	Asn	Leu	Asn	Gly	Ala
		35					40					45			

Glu	Ile	Leu	Lys	Ala	Asn	Phe	Glu	Val	Arg	Ala	Gln	Arg	Lys	Gln	Glu
	50					55					60				

Leu	Leu	Asn	Ser	Glu	Gly	Lys	Gln	Phe	Leu	Ser
65					70				75	

<210> 7037

<211> 88

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<220>

<221> SITE

6246

<222> (6)
<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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6247

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<220>

<221> SITE

<222> (87)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7037

Xaa	Ser	Gln	Ser	Lys	Xaa	Xaa	Pro	Gly	Phe	Arg	Ser	Tyr	Pro	Xaa	Ser
1				5					10					15	

Gly	Tyr	Met	Val	Leu	Val	Ser	Ile	Phe	Cys	Xaa	Phe	Xaa	Tyr	Phe	Gln
			20					25					30		

Xaa	Ser	Leu	Xaa	Trp	Tyr	Tyr	Met	Val	Lys	Xaa	Lys	Leu	Phe	Phe	Xaa
		35					40					45			

Pro	Asp	Gln	Gly	Cys	Xaa	Ser	Ser	Pro	Cys	Leu	Xaa	Ser	Val	Pro	Lys
	50					55					60				

Xaa	Val	Phe	Trp	Gln	His	Ser	Leu	Val	Ala	Ala	Gly	Val	Val	Lys	Phe
65					70					75					80

Gly	Pro	Glu	Lys	Ala	Xaa	Xaa	Lys
				85			

<210> 7038

<211> 48

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7038

Gly	Arg	Ala	Leu	Phe	Tyr	Tyr	Ser	Arg	Phe	Asn	Asp	Asn	Arg	Leu	Leu
1				5					10					15	

6248

Cys Leu Ser Phe Asp Ile Leu Gln Ile Ser Lys Cys Ile Leu Leu His
20 25 30

Leu Glu Gly Asn Phe Val Val Leu Arg Lys Cys Xaa Gln Lys Met Lys
35 40 45

<210> 7039

<211> 99

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (68)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (69)

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<222> (72)

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6249

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<400> 7039
 Glu Asp Leu Tyr Tyr Lys Ile His Val Phe Thr Ser Val His Gly Thr
 1 5 10 15
 Phe Ser Lys Ile Asp His Met Ile Gly His Lys Thr Ser Leu Ser Lys
 20 25 30
 Phe Lys Lys Ile Lys Ile Ile Leu Ser Thr Leu Ser Glu His Ile Gly
 35 40 45
 Ile Lys Ile Arg Lys Gln Leu Xaa Lys Gly Thr Leu Gln Asn His Lys
 50 55 60
 Ile Cys Ala Xaa Xaa Thr His Xaa Leu Gln Ile Lys Gly Leu Xaa Xaa
 65 70 75 80
 Val Leu Pro Ala Xaa Gly Lys Gln Xaa Xaa Ala Gly Xaa Xaa Lys Pro
 85 90 95
 Gly Phe Cys

<210> 7040
 <211> 63
 <212> PRT
 <213> Homo sapiens

<220>

6250

<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7040

Leu	Leu	Ser	Pro	Leu	Leu	Leu	Trp	Lys	Val	Lys	Phe	Leu	Asp	Pro	Arg
1				5					10					15	

Phe	Asn	Phe	Lys	Ile	Val	Asn	Leu	Ile	Met	Ser	Gly	Gly	Asn	Leu	Leu
			20					25					30		

Lys	Lys	Thr	Leu	Cys	Ser	Thr	Ser	Leu	Val	Ala	Leu	Cys	Leu	Xaa	Met
		35					40					45			

Thr	Phe	Arg	Leu	Pro	Val	Gln	Lys	Met	Glu	Asp	Ile	Lys	Leu	Cys
	50					55					60			

<210> 7041

<211> 17

<212> PRT

<213> Homo sapiens

<220>

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7041

Gly	Arg	Glu	Lys	Glu	Trp	Asn	His	Val	Lys	Phe	Ser	Val	Xaa	Pro	Xaa
1				5					10				15		

Xaa

<210> 7042

<211> 38

<212> PRT

6251

<213> Homo sapiens

<220>

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<222> (1)

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<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7042

Xaa	Lys	Thr	Xaa	Phe	Leu	Gly	Leu	Xaa	Leu	Cys	Ser	Leu	Leu	Gln	Asp
1				5				10					15		

Leu	Leu	Cys	Ser	Val	Asn	Ile	Xaa	Cys	Trp	Val	Gln	Leu	His	Ala	Pro
			20				25						30		

Cys	Cys	Xaa	Phe	Thr	Cys
					35

<210> 7043

<211> 69

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (35)

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<220>

<221> SITE

6252

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7043

Leu	Pro	Gln	Ala	Gln	Pro	Val	Ser	Arg	Leu	Gln	Leu	Arg	Pro	Leu	Leu
1				5					10					15	

Asn	Ser	Leu	Tyr	Val	Val	Gln	Ser	Glu	Ser	Pro	Ser	Gln	Ser	Thr	Asn
			20					25					30		

Leu	Leu	Xaa	Leu	Leu	Cys	Phe	Lys	Pro	Phe	Xaa	Gly	Ser	Tyr	Phe	Gln
		35					40					45			

Leu	Asp	Glu	Val	Gln	Ala	Cys	Xaa	Arg	Ala	Val	Arg	Val	Thr	Trp	Pro
	50					55					60				

Asp	Pro	Pro	Leu	Ile
				65

<210> 7044

<211> 55

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7044

Ala	Xaa	Xaa	Ile	Arg	Ala	Ala	Leu	Glu	Leu	Gly	Tyr	Met	Ala	Asn	Ile
1				5					10					15	

Phe	Ser	Lys	Phe	Ser	Glu	Leu	Asn	Leu	Lys	Phe	Gln	Gly	Tyr	Ala	Ile
			20					25					30		

Ser	Lys	Arg	Lys	Ser	Thr	Leu	Ser	Arg	Asn	Ile	Val	Leu	Ala	Asn	Ile
			35					40					45		

6253

His Tyr Lys Leu Ser Leu Phe
 50 55

<210> 7045

<211> 46

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

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<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7045

Ser Arg Xaa Ile Lys Leu Gln Leu Arg Gly Glu Lys Trp Val Thr Pro
 1 5 10 15

Gly Arg Ile His Leu Gly Trp Pro Ser Gly Arg Thr Glu Phe Thr Lys
 20 25 30

Leu Thr Xaa Ser Leu Val Xaa Gly Ile Tyr Xaa Gly Arg Xaa
 35 40 45

<210> 7046

<211> 60

<212> PRT

<213> Homo sapiens

6254

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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (59)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7046
 Lys Phe Ser Ala Gly Gln Thr Lys His Ile Cys Glu Leu Asn Val Glu
 1 5 10 15
 Val Ile His Leu Lys Pro Leu Leu Gly Xaa Phe Phe Ser Thr Glu Phe
 20 25 30
 Ser Gln Leu Ser Arg Val Gly Thr Tyr His Lys Gly Xaa Lys Arg Val
 35 40 45
 Val Pro Arg Gly Pro Val Gly Val Gly Val Xaa Pro
 50 55 60

<210> 7047
 <211> 72
 <212> PRT
 <213> Homo sapiens

<220>
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<220>
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6255

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<220>
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 <222> (35)
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 <222> (36)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<220>
 <221> SITE
 <222> (46)
 <223> Xaa equals any of the naturally occurring L-amino acids

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<220>
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 <222> (71)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7047
 Thr Ala Xaa Cys Ala Lys Leu Ala Lys Gly Trp Cys Ile Trp Gln Gly
 1 5 10 15
 Ser Ile Leu Ile His Cys His Phe Phe Phe Phe Gly Xaa Xaa Xaa Ser
 20 25 30

6256

Pro His Xaa Xaa Xaa Glu Lys Lys Pro Gly Arg Lys Gly Xaa Glu Xaa
35 40 45

Glu Xaa Phe Phe Pro His Leu Ala Leu Leu Ser Xaa Glu Arg Leu Gly
50 55 60

Pro Pro Val Phe Phe Pro Xaa Pro
65 70

<210> 7048

<211> 41

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7048

Met Gln Gly Val Pro Leu Asn Gly Tyr Trp Cys Asn Pro Gly Gln Lys
1 5 10 15

Ile Val Val Val Trp Xaa Arg Ile Met Gly Ser Arg Phe Gly Glu Thr
20 25 30

Gly Xaa Glu Leu Gly Arg Thr Arg Lys
35 40

<210> 7049

<211> 60

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6257

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7049

Ile	Val	Lys	Leu	Ser	Val	Thr	Val	Tyr	Thr	Ser	Val	Ser	Val	Thr	Leu
1				5					10					15	

Ile	Asn	Val	Ser	Leu	Leu	Leu	Gln	Met	His	Cys	Ile	Gly	Lys	Ala	Arg
			20					25					30		

Gly	Ser	Gly	Ile	His	Arg	Thr	Gly	Ser	Gln	Asn	Ile	Xaa	Gln	Val	Ile
		35					40					45			

Phe	Val	Gln	Gly	Asn	Gly	His	Xaa	Tyr	Gly	Ser	Ser
	50					55					60

<210> 7050

<211> 40

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7050

Xaa	Phe	Phe	Gly	Thr	Arg	Arg	Ser	Pro	Arg	Thr	Glu	Ala	Xaa	Gln	Gly
1				5					10					15	

Lys	Pro	Leu	Xaa	Leu	Pro	Val	Asn	Lys	Asn	Val	Val	Gly	Lys	Met	Gln
			20					25					30		

Thr	Val	Gly	Trp	Ile	His	His	Leu
		35					40

<210> 7051

6258

<211> 65
<212> PRT
<213> Homo sapiens

<220>
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (55)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7051
Ser Leu Xaa Xaa Leu Ser His Thr His Leu Leu Thr Ile Glu Thr Gly
1 5 10 15
Asn Leu Xaa Ser Leu Leu Lys Gly Tyr Ser Glu Ala Thr Trp Ala Val
20 25 30
Xaa Lys Thr Ile His Lys Gln Tyr Gly Met Phe Val Ser Asp Asn Arg
35 40 45
Leu Gly Tyr Pro Leu Thr Xaa Trp Asn Pro Ala Ser Ala Leu Gly Ser
50 55 60

Pro
65

<210> 7052
<211> 50
<212> PRT
<213> Homo sapiens

6259

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7052

Lys Arg Gln Val Leu His Gln Glu Arg Arg Leu Leu Arg Arg Gly Glu
1 5 10 15

Leu Ser Gln Ile Leu Leu Ser Phe Tyr Leu Thr Asp Ile Phe Ser Pro
20 25 30

Tyr Xaa Pro Ser Asn Leu Asn Asn Ile Tyr Trp Thr Leu Leu Thr Arg
35 40 45

Phe Thr

50

<210> 7053

<211> 34

<212> PRT

<213> Homo sapiens

<220>

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<400> 7053

Ala Thr Phe Ser His Val Asn Leu Xaa Leu Ser Ser Gln Val Gln Leu
1 5 10 15

Leu Xaa Leu Pro Val Gln Tyr Leu Phe Arg Thr Gln Ser Ser Xaa Gly
20 25 30

Val Asn

6260

<210> 7054
 <211> 53
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<400> 7054
 Ala Glu Pro Ala Trp Pro His Leu Leu Ala His Gly Xaa Gly Cys Pro
 1 5 10 15
 Ala Glu Ala Leu Ala Xaa Ser Tyr Trp His Ser Ser Phe Xaa Arg Ile
 20 25 30
 Ser Ile Leu Thr Glu Ser Phe Cys Arg Ser Cys Glu Leu Asn Tyr Asn
 35 40 45
 Ser Lys Leu Trp Lys
 50

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 <211> 45
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6261

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<400> 7055
 Trp Lys Trp Ala Glu Asn Xaa Pro Phe Pro Arg Leu Gln Cys Val Arg
 1 5 10 15

Xaa Lys Glu Arg Gly Lys Lys His Asn Gly Leu Met Val Glu Asp Arg
 20 25 30

Phe Ile Xaa Lys Lys Thr Asn Pro Arg Xaa Ala Ser Gly
 35 40 45

<210> 7056
 <211> 20
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<400> 7056
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 1 5 10 15

Glu Gly Xaa Xaa
 20

6262

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<400> 7057
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 1 5 10 15
 Lys Pro Asn Gln Pro Phe Ser Thr Ala Ser Ile Ile Lys Ser Thr Glu
 20 25 30
 Thr Asp Val Leu Ser Leu Asn Met Asn His Asp Ile Phe Ser Tyr Xaa
 35 40 45
 Xaa Phe Asp Met Asn Ser His Thr Tyr Lys Asn Ser Val Tyr Leu Lys
 50 55 60
 Gly Phe Tyr Glu Asn Tyr Phe Arg Phe Asn Phe Ile Asp Glu Ala Phe
 65 70 75 80
 Thr Arg Lys Glu Thr Leu Leu Tyr Leu Ala Asp Val Ser Val Gln Phe
 85 90 95
 Arg Ile Gln Gln Asn Phe Leu
 100

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<400> 7058
Arg Val Gln Arg Pro Arg Gly Arg Xaa Cys Leu Ile Phe Ser Asn Asn
1 5 10 15
Ser Gln Glu Ala Arg Trp Leu Gln Xaa Val Lys Glu Arg Arg Xaa
20 25 30

<210> 7059
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<213> Homo sapiens

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<400> 7059
 Cys Arg Leu Ser Xaa Leu Ala Cys Lys Xaa Thr Ser Arg Xaa Val Xaa
 1 5 10 15
 Met Lys Leu Gln Arg Ser Xaa Gly Ala Ala Pro Pro Pro Ala Lys Gly
 20 25 30
 Ser Xaa Xaa Xaa Lys Xaa Ala Glu Xaa Gly Xaa Ala Thr Ala Gly Pro
 35 40 45
 Ser Arg Glu Gln Leu Lys Val Asp Leu Asp Asp Leu Val Ala Ala Xaa
 50 55 60
 Cys Leu Tyr Cys Gly Glu Leu Met Ile Arg Ser Ile Asp Arg Pro Xaa
 65 70 75 80
 Ile Asp Pro Lys Arg Tyr Glu Val Gly Xaa Ala His Leu Xaa Val Gly
 85 90 95
 Gly Xaa Xaa Pro Phe Asn Gly Gly Trp Ala Met Gly Ser Met Asp
 100 105 110

<210> 7060
 <211> 37
 <212> PRT
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 <400> 7060
 Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Xaa Ser Xaa
 1 5 10 15

 Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Xaa Thr Gly Lys Thr
 20 25 30

 Gln Gly Ser Pro Xaa
 35

 <210> 7061
 <211> 78
 <212> PRT
 <213> Homo sapiens

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6267

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<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 7061

Thr	Thr	Ser	Trp	Gly	Xaa	Pro	Gly	Phe	Ile	Xaa	Xaa	Ala	Xaa	Xaa	Asn
1				5				10						15	

Pro	Xaa	Lys	Xaa	Phe	Xaa	Gly	Phe	Xaa	Leu	Xaa	Lys	Phe	Phe	Trp	Pro
		20				25						30			

Phe	Lys	Lys	Xaa	Lys	Lys	Ile	Xaa	Asn	Xaa	Xaa	Pro	Xaa	Phe	Leu	Lys
	35					40					45				

Lys	Phe	Xaa	Pro	Xaa	Leu	Ser	Pro	Pro	Trp	Glu	Ile	Phe	Gly	Leu	Lys
	50				55				60						

Phe	Asn	Leu	Xaa	Phe	Trp	Gly	Gly	Phe	Gly	Gly	Lys	Lys	Phe		
65				70				75							

<210> 7062

<211> 24

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

6269

<400> 7062

Ala Ala Arg Ala Ala Xaa Gly Gly Ala Arg Tyr Pro Xaa Arg Pro Ile
 1 5 10 15

Met Xaa Arg Ile Thr Ile His Trp
 20

<210> 7063

<211> 87

<212> PRT

<213> Homo sapiens

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<222> (82)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7063

Cys Ile Leu Xaa Gly Val Gly Asn Met Val Val Gly Met Ala Gly Ala
 1 5 10 15

His Thr Thr Lys Leu Leu Gly Pro Asp Pro Ser Gly Asp Thr Ser Leu
 20 25 30

Val Pro Leu Val Asn Ile Trp Val Gly Leu Leu Leu Thr Val Met Thr
 35 40 45

Ala Val Ser Val Gly Met Val Leu Ile His Gly Val Thr Val Ile Thr
 50 55 60

Thr Met Asp Thr Xaa Trp Trp Pro Thr Gly Tyr Cys Xaa Asp Trp Leu
 65 70 75 80

6270

His Xaa Met Asp Val Ile Gly
85

<210> 7064

<211> 84

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (77)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7064

Pro	Leu	Xaa	Gly	Gly	Ala	Asn	Leu	Gly	Trp	Asp	Leu	Arg	Leu	Ser	Xaa
1				5					10					15	

Gly	Ile	Val	Arg	Glu	Arg	Xaa	Phe	Phe	Pro	Lys	Ala	Cys	Phe	Leu	Asn
			20					25						30	

Tyr	Pro	Leu	Gly	Val	Asn	Xaa	Thr	Ile	Xaa	Thr	Pro	Pro	His	Thr	Leu
		35					40					45			

Pro	Phe	Glu	Gln	Phe	Ser	Gln	Leu	His	Leu	Val	Thr	Ser	Ile	Ile	Ser
	50					55					60				

Pro	Leu	Pro	Lys	Phe	Arg	Phe	Xaa	Ile	Xaa	Xaa	Xaa	Xaa	Pro	His	Pro
65					70				75						80

Arg Gly Lys Ser

<210> 7065

<211> 51

<212> PRT

<213> Homo sapiens

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6272

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7065

Arg	Xaa	Asp	Val	Asn	Cys	Leu	Lys	Ser	Gly	Trp	Ala	Glu	Asp	Leu	Gly
1				5					10					15	

Ser	Xaa	His	Ala	Ile	Trp	Asn	Thr	Asp	Xaa	Pro	Xaa	Leu	Ala	Xaa	Val
			20					25						30	

Gly	Leu	Phe	Leu	Xaa	Phe	His	Thr	Ser	Pro	Arg	Pro	Leu	Gly	Thr	Ser
		35					40						45		

Ala	Lys	Leu
		50

<210> 7066

<211> 33

<212> PRT

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6273

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7066

Ser	Ile	Ser	Leu	His	Xaa	Trp	Glu	Xaa	Xaa	Arg	Glu	Leu	His	Arg	Gly
1				5				10					15		

Gly	Ala	Phe	Xaa	Leu	Xaa	Leu	Gly	Thr	Ser	Pro	Gly	Cys	Asp	Ala	Asn
			20				25						30		

Ile

<210> 7067

<211> 38

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7067

Arg	His	Glu	Gly	Thr	Arg	Gly	Gly	Pro	Val	Pro	Asn	Ser	Pro	Tyr	Ser
1				5				10						15	

Glu	Ser	Tyr	Tyr	Asn	Ser	Leu	Ala	Val	Val	Leu	Gln	Arg	Arg	Asp	Trp
			20					25						30	

Glu	Thr	Gln	Lys	Xaa	Xaa
			35		

<210> 7068

<211> 38

<212> PRT

<213> Homo sapiens

6274

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<400> 7068
 Arg His Xaa Gly Thr Thr Gly Gly Pro Val Pro Asn Ser Pro Xaa Ser
 1 5 10 15

Xaa Ser Tyr Tyr Asn Ser Leu Ala Val Val Xaa Gln Arg Arg Asp Trp
 20 25 30

Asp Xaa Pro Xaa Leu Pro
 35

<210> 7069
 <211> 75
 <212> PRT
 <213> Homo sapiens

<220>
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<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (75)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7069

Phe	Phe	Tyr	Arg	Ile	Val	Leu	Cys	Leu	His	Phe	Thr	Ser	Leu	Ser	His
1				5					10					15	

Phe	Gln	Cys	Phe	Ala	Val	Trp	Val	Lys	Leu	Ile	Pro	Phe	Gln	Phe	Pro
			20					25					30		

Asn	Pro	Leu	Xaa	Xaa	Thr	Ala	Phe	Thr	Pro	Glu	Lys	Thr	Phe	Lys	Val
		35					40					45			

Ser	Phe	Pro	Leu	Tyr	Xaa	Trp	Glu	Phe	Pro	Glu	Asn	Phe	Pro	Xaa	Asn
	50					55					60				

Pro	Ala	Leu	Gly	Trp	Val	Phe	Pro	Phe	Xaa	Xaa
65					70					75

<210> 7070

<211> 54

<212> PRT

<213> Homo sapiens

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<400> 7070
 Ala Trp Cys Phe Xaa Ala Ser Thr Thr Ser Ser Xaa Leu Ile Leu Ile
 1 5 10 15
 Ala Thr Leu Xaa Glu Ile Trp Xaa Pro Xaa Ile Leu Ser Asp Phe Xaa
 20 25 30
 Val Thr Gln Leu Leu Asn Cys Gln Ala Arg Xaa Ser Leu Gly Gln Gly
 35 40 45
 Asn Leu Xaa Glu Asn Pro
 50

6277

<210> 7071
<211> 34
<212> PRT
<213> Homo sapiens

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<222> (32)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (34)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7071
Ile Asp Ile Ala Val Ile Lys Lys Ala Ile Asn Gly Gln Val Val Leu
1 5 10 15
Ile Ile Ile Cys Phe Xaa Leu Ile Tyr Xaa Cys Xaa Pro Val His Xaa
20 25 30

Ile Xaa

<210> 7072
<211> 118
<212> PRT
<213> Homo sapiens

<220>

6278

<221> SITE

<222> (95)

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<400> 7072

Asn	Ile	Leu	Gly	Ile	Val	Gly	Thr	Leu	Ser	Ser	Val	Phe	Leu	Lys	Pro
1				5					10					15	

Ala	Trp	Phe	Pro	Phe	Ala	Ser	Phe	Ser	Val	Val	Asn	Thr	Cys	Ser	Leu
			20					25					30		

Ser	Gly	Gly	Lys	Met	Gly	Ser	Ser	Ser	Tyr	Trp	Cys	Pro	Cys	Ser	Phe
		35					40					45			

Lys	Leu	Val	Asn	Gln	Asn	Pro	Ser	Ile	Thr	Thr	Phe	Pro	Val	Ser	Trp
	50					55					60				

Trp	Asp	Trp	Ile	Trp	Thr	Val	Leu	Tyr	Val	Cys	Leu	Leu	Leu	His	Gln
65					70					75					80

Ser	Cys	Met	Gly	Ala	Met	Ile	Phe	His	Ala	Ser	Leu	Gly	Leu	Xaa	Ser
				85					90					95	

Ile	Phe	His	Glu	Xaa	Pro	Leu	Xaa	Asn	Glu	Phe	Ile	Phe	Tyr	Lys	Phe
			100					105					110		

Xaa	Asn	Ser	Leu	Ala	Xaa
					115

6279

<210> 7073

<211> 58

<212> PRT

<213> Homo sapiens

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<222> (28)

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<222> (32)

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Pro	Lys	Gln	Lys	Thr	Leu	Ser	Leu	Phe	Phe	Phe	Xaa	Leu	Lys	Lys	Xaa
			20					25					30		

Asn	Asn	Tyr	Phe	Pro	Phe	Cys	Cys	Ile	Val	Pro	Ser	Lys	Xaa	Ile	Cys
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Ala	Ala	Gln	Ile	Met	Gly	Trp	Val	Xaa	Pro
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 Leu Xaa Xaa Arg Xaa Arg Pro Phe Pro Leu Gly Gln Pro Lys Gly Xaa
 20 25 30
 Xaa Xaa Xaa Arg Xaa Lys Lys Pro Leu Gly Ser Gln Ile Pro Xaa Xaa
 35 40 45
 Lys Asp Leu Xaa Lys Thr Gln Xaa Arg Xaa Gln Xaa Pro Pro Leu Thr
 50 55 60
 Gln Arg Xaa Lys Phe Gly Gly Gly Ser Lys Arg Gln Phe Xaa Phe Leu
 65 70 75 80
 Gly Gln Lys Phe Xaa Gln Phe Leu Gly Asn Gln Lys Lys Xaa Gly Leu
 85 90 95
 Lys Ile Xaa Phe Leu Lys Glu Pro Ser Leu Pro Xaa Arg Xaa Ile Phe

6284

100	105	110
Lys Xaa Pro His Ile Phe Tyr Xaa Xaa Glu Lys Lys Xaa Thr Xaa Pro		
115	120	125
Leu Gly Xaa Xaa Lys Ser Xaa		
130	135	

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1				5					10					15	

Xaa	Leu	Asn	Xaa	Val	Gly	Ile	Leu	Gln	Asn	Xaa	Ser	Xaa	Xaa	Lys	Leu
		20						25						30	

Xaa	Lys	Pro	Val	Leu	Lys	Leu	Ile	Pro	Trp	Pro	Gly	Xaa	Ser	Ile	Pro
		35					40					45			

Xaa	Xaa	Pro	Ala	Asn	Asp	Pro	Ser	Xaa	Ile	Ala	Leu	Asn	Asp	Xaa	Pro
		50				55					60				

Phe	Xaa	Thr	Ile	Arg	Gln	Gly	Arg	Glu	Gly	Ser	Lys	Thr	Xaa	Xaa	Pro
65					70					75					80

Ser	Pro	Phe	Thr	Gln	Xaa	Lys	Ile	Gln	Xaa	Trp	Gly	Pro	Pro	Lys	Leu
				85					90					95	

Gly	Xaa	Leu	Gly	Xaa	Xaa	Tyr	Arg	Lys	Val	Thr	Pro	Glu	Leu	Thr	Gly
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Arg Gly Leu Lys Ile Phe

6287

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1					5				10					15	

Ser	Xaa	Val	Val	Gly	Lys	Phe	Xaa	Ile	Thr	Phe	Leu	Tyr	Lys	His	Val
				20				25					30		

6288

Glu Ser Xaa Arg Ile Gln Ser Xaa Tyr
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Pro	Xaa	Leu	Val	Pro	Xaa	Gly	Glu	Ile	Phe	Gly	Asp	Pro	Trp	Gly	Asn
1				5					10					15	

Pro	Xaa	Ala	His	Arg	Xaa	Lys	Ser	Pro	Cys	Xaa	Gly	Gly	Ser	Gln	Pro
			20					25					30		

Trp	Ala	Arg	Lys	Thr	Gly	Pro	Pro	Leu	Xaa	Xaa	Phe	Xaa	Lys	Gly	Arg
			35					40					45		

Arg	Val	Xaa	Ile	Ser	Xaa	Gly	Ile	Ser	Lys	Thr	Leu	Xaa	Arg	Lys	Ser
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Val	Trp	Gly	Lys	Leu	Thr	Phe	Leu	Xaa	Gln	Asn	Ser	Lys	Ala	Pro	Ser
1				5				10					15		

Xaa	Val	Lys	Gly	Arg	Pro	Phe	Arg	Val	Lys	Xaa	Xaa	Lys	Pro	Arg	Ala
			20					25					30		

Pro Ser

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1				5				10					15		

Xaa	Pro	Arg	Leu	Lys	Leu	Ser	Gly	Phe	Pro	Pro	Thr	Phe	Ser	Pro	Lys
			20					25					30		

Gly	Glu	Ile	Ala	Met	Arg	Phe	Ala	Thr	Ala	Gly	Ser	Pro	Ser	Val	Arg
		35					40					45			

Asn	Leu	Arg	Leu	Cys	Tyr	Pro	Trp	Cys	Leu	Gly	Ala	Val	Phe	Leu	Thr
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Val Ile

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6291

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1				5				10					15		

Leu	Xaa	Val	Leu	Asn	Leu	Gly	Thr	Lys	Xaa	Leu	Pro	Gln	Phe	Phe	Lys
			20					25					30		

Lys	Pro	Xaa	Glu	Leu	Val	Ser	Pro	Ile	Pro	Xaa	Xaa	Asn	Trp	Xaa	Pro
		35					40					45			

Xaa	Arg	Xaa	Lys	Lys	Xaa	Gly	Leu	Gly	Pro	Leu	Gly	Leu	Thr	Leu	Gly
	50					55					60				

Lys	Lys	Gly	Leu	Xaa	Xaa	Ser	Pro	Lys	Xaa	Pro	Xaa	Ile
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Lys Lys Ala Phe Lys Xaa Asn Pro Pro Pro Glu Lys Thr Pro Gly Thr
20 25 30

Xaa Arg Leu Asn Pro Leu Lys Gly Asn Gln Ala Phe Lys Lys Arg Lys
35 40 45

Ala Thr Asn Pro Pro Val Pro
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Xaa	Xaa	Trp	Gly	Ser	Phe	Arg	Gly	Ala	Pro	Arg	Lys	Xaa	Lys	Arg	Xaa
			20					25					30		

Pro	Leu	Xaa	Pro	Xaa	Xaa	Leu	Ser	Ser	Pro	His	Gly	Gly	Pro	Phe	Xaa
		35					40					45			

Leu	Lys	Lys	Gly	Xaa	Lys	Leu	Pro	Lys	Pro	Pro	Lys	Pro	Phe	Glu	Xaa
	50					55					60				

Xaa	Arg	Asn	Phe	Pro	Phe	Pro	Pro	Xaa	Xaa	Gly	Gly	Gly	Pro	Xaa	Pro
65					70					75					80

Pro	Asn	Phe	Leu	Xaa	Lys	Lys	Xaa	Phe	Pro	Pro	Leu	Gly	Lys	Asp	Leu
				85					90					95	

Gln	Ile	Gly	Phe	Gly	Gln	Arg	Pro	Leu	Xaa	Ile	Xaa	Asn	Lys	Ala	Thr
			100					105					110		

Xaa	Gly	Gly	Lys	Xaa	Thr	Gln	Lys	Ser	Leu	Gly	Gly	Xaa	Thr	Pro	Arg
		115					120					125			

Pro	Glu	Xaa	Ala	Pro	Thr	Arg	Pro	Leu	Ala	Phe	Gly	Asn	Gln	Leu	Gly
		130				135					140				

Leu	Pro	Asn	Gln	Xaa	Ile	Pro
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 Arg His Glu Gly Gly Pro Trp Xaa Pro Asn Ser Pro Leu Ser Ala Cys
 1 5 10 15
 Ser Ser Val Ile Tyr His Ile Xaa Asn Leu Gly Pro Gly Xaa Xaa Phe
 20 25 30
 Ser Pro Asn Arg Ser Gly Cys Asn Leu Gly Gly Lys Xaa Pro
 35 40 45

<210> 7084
 <211> 25
 <212> PRT
 <213> Homo sapiens

<220>
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<220>
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6299

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7084

Thr	Lys	Gly	Pro	Xaa	Xaa	Lys	Lys	Gly	Gly	Leu	Ser	Leu	Xaa	Lys	Thr
1				5				10					15		

Xaa	Lys	Ile	Trp	Glu	Ile	Lys	Xaa	Phe
		20				25		

<210> 7085

<211> 46

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7085

Lys	Arg	Gly	Pro	Pro	Leu	Gly	Lys	Lys	Leu	Glu	Leu	His	Arg	Gly	Gly
1				5					10					15	

Gly	Arg	Ser	Thr	Thr	Asn	Trp	Ile	Pro	Arg	Ala	Ala	Gly	Xaa	Leu	His
			20				25						30		

Glu	Xaa	Ala	Glu	Trp	Tyr	Val	Trp	Ser	Xaa	Ser	Arg	Xaa	Lys
		35					40					45	

6300

<210> 7086
<211> 25
<212> PRT
<213> Homo sapiens

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<400> 7086
Xaa Arg Xaa Val Gly Leu Gly Xaa Xaa Val Val Ala Arg Arg Trp Pro
1 5 10 15

Gly Trp Cys Trp Arg Ala Trp Pro Val
20 25

<210> 7087
<211> 116
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6301

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6302

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<222> (93)

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<222> (98)

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<222> (99)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (102)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7087

Leu	Val	Pro	Asn	Ser	Ala	Arg	Xaa	Leu	Tyr	Leu	Met	Lys	Leu	Leu	Gly
1				5				10					15		

Asn	Gly	Val	Phe	Pro	Ser	Val	Thr	Xaa	Xaa	Ile	Ser	Trp	Xaa	His	Pro
		20						25					30		

Ile	Ile	Pro	Xaa	Xaa	Xaa	Thr	Thr	Xaa	Asn	Phe	Pro	Xaa	Gly	Gly	Pro
		35						40					45		

Xaa	Xaa	Arg	Val	Lys	Xaa	Cys	Leu	Ile	Leu	Glu	Gln	Lys	Xaa	Phe	Pro
		50				55					60				

Trp	Gly	Gly	Ser	Asn	Pro	Leu	Trp	Pro	Ile	Met	Phe	Gly	Ser	Arg	Trp
65					70					75					80

Leu	Gly	Pro	Leu	Ala	Trp	Gly	Phe	Leu	Leu	Gly	Asn	Xaa	Ser	Leu	Pro
				85						90				95	

Phe	Xaa	Xaa	Gly	Thr	Xaa	Pro	Cys	Leu	Ala	Ile	Pro	Leu	Phe	Phe	Gln
			100					105					110		

Ser	Ser	Leu	Trp
			115

<210> 7088

<211> 130

6303

<212> PRT
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<400> 7088
 Xaa Xaa Lys Lys Xaa Gly Lys Lys Xaa Pro Ser Xaa Xaa Leu Phe Pro
 1 5 10 15
 Gln Gly Phe Lys Xaa Val Trp Xaa Pro Lys Lys Gly Phe Asn Pro Xaa
 20 25 30
 Xaa Asn Leu Xaa Pro Phe Pro Xaa Xaa Phe Gly Glu Thr Xaa Xaa Leu
 35 40 45

6306

Asn Xaa Gly Lys Ile Xaa Xaa Gly Gly Gly Phe Phe Xaa Ile Trp Xaa
 50 55 60

Phe Pro Pro Pro Lys Xaa Xaa Leu Xaa Lys Lys Thr Pro Pro Pro Xaa
 65 70 75 80

Phe Phe Xaa Gly Gly Lys Lys Arg Xaa Phe Pro Lys Lys Asn Phe Gly
 85 90 95

Xaa Xaa Ile Phe Phe Leu Lys Asn Leu Lys Pro Pro Pro Pro Phe Gly
 100 105 110

Lys Thr Phe Gly Gly Glu Thr Gln Thr Pro Lys Pro Lys Gly Pro Phe
 115 120 125

Phe Lys
 130

<210> 7089

<211> 74

<212> PRT

<213> Homo sapiens

<220>

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<222> (9)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6307

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<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7089

Thr	Leu	Glu	Arg	Ser	Leu	Gly	Leu	Xaa	Asn	Ile	Xaa	Lys	Ile	Xaa	Glu
1				5				10					15		

Trp	Ser	Trp	Ala	Leu	Lys	Xaa	Thr	Tyr	Gln	Glu	His	Gln	Glu	Asn	Ser
			20				25						30		

Ile	Xaa	Ile	Gln	Tyr	Lys	Ser	Tyr	Xaa	Ser	Arg	Pro	Ile	Ile	Ser	Phe
		35					40					45			

Glu	Leu	Glu	Lys	Pro	Asn	Gly	Glu	Pro	Leu	Thr	Gln	Ile	Asn	Thr	Leu
	50					55					60				

Ser	Phe	Ser	Gln	Leu	Gly	Ala	Arg	His	Leu
65					70				

<210> 7090

<211> 17

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7090

Val	Phe	Phe	Phe	Phe	Phe	Xaa	Phe	Glu	Lys	Cys	Asn	Ile	Phe	Pro	Xaa
1				5				10					15		

Phe

<210> 7091

<211> 32

<212> PRT

<213> Homo sapiens

6308

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<222> (4)
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<220>
<221> SITE
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (14)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (32)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7091
Ala Arg Ser Xaa Pro Leu Leu Xaa Glu Gln Met Xaa Ala Xaa Pro Pro
1 5 10 15

Lys Val Ala Ala Val Leu Glu Leu Val Asp Pro Pro Gly Cys Arg Xaa
20 25 30

<210> 7092
<211> 82
<212> PRT
<213> Homo sapiens

<220>
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6309

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<400> 7092
 Phe Arg Val Ile Leu Leu Pro Lys Asp Gly Lys Ile Lys Ser Arg Thr
 1 5 10 15
 Lys Ser Asn Xaa Xaa Glu Xaa Xaa Ser Ile Ser Ser Thr Tyr Cys Gly
 20 25 30
 Ile Thr Ala Thr Lys Ala Leu Asp Gly Lys Ile Ile Leu Ser Cys Phe
 35 40 45
 Leu Cys Phe Lys Xaa Ser Pro Arg Ser Asn Val Xaa Gly Leu Gly Thr
 50 55 60
 Gly Ile Ile Xaa Leu Gln Leu Xaa Leu Lys Asn Ser Gly Tyr His Ser
 65 70 75 80

6310

Trp Xaa

<210> 7093

<211> 39

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (4)

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<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7093

Xaa Leu Xaa Xaa Ser Pro Ile Ile Lys Gly Thr Xaa Ala Gly Xaa Ser

1

5

10

15

Thr Glu Ser Gly Gly Arg Ser Arg Thr Ser Gly Ser Pro Gly Leu Gln

6311

	20	25	30
Glu Phe Xaa Thr Ser Xaa Ile			
35			
<210> 7094			
<211> 71			
<212> PRT			
<213> Homo sapiens			
<400> 7094			
Arg Met Ser Tyr Leu Lys Gly Met Cys His Leu Leu Cys Asn Cys Ile			
1	5	10	15
Pro Thr Arg Ser Tyr Ile Asn Val Leu Arg Gln Gln His Leu Trp Ser			
20	25	30	
Lys Cys Gln Ala Ser Arg Gly Thr Leu Val Lys Gly Ser Ser Gly Leu			
35	40	45	
Ile Trp Ile Cys Arg Phe Leu His Phe Cys Tyr Lys Ile Tyr Ser Pro			
50	55	60	
Leu Lys Leu Pro Leu Val Leu			
65	70		

<210> 7095
 <211> 56
 <212> PRT
 <213> Homo sapiens

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6312

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7095

Cys	Ala	Xaa	Ala	Xaa	Leu	Leu	Thr	Lys	Gly	Thr	Asn	Ser	Ala	Pro	Pro
1				5					10					15	

Pro	Lys	Val	Ala	Ala	Xaa	Leu	Glu	Leu	Val	Asp	Pro	Pro	Gly	Cys	Arg
			20					25					30		

Ser	Ser	Pro	Arg	Ala	Ala	Lys	Gln	Xaa	Xaa	Arg	Xaa	Cys	Xaa	Cys	Arg
		35					40					45			

Gly	Val	Tyr	His	Ala	Phe	Lys	Lys
	50					55	

<210> 7096

<211> 37

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7096

Ala Ala Arg Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile

6313

1	5	10	15
Val Ser Arg Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr			
	20	25	30
Gly Xaa Pro Lys Xaa			
	35		

<210> 7097

<211> 41

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<220>

<221> SITE

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<221> SITE

<222> (27)

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<221> SITE

<222> (36)

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<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7097

Xaa Pro His Gln Gln Lys Glu Leu Leu Xaa Ser Met Phe Gly Lys Gln
1 5 10 15

Pro Gly Gln Gly Arg Asn Ser Arg Gly Asn Xaa Lys Met Val Leu Phe
20 25 30

6314

Pro Asn Pro Xaa Xaa Xaa Pro Asn Val
35 40

<210> 7098
<211> 35
<212> PRT
<213> Homo sapiens

<220>
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<222> (34)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (35)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7098
Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Xaa Val Thr Gly Lys Pro
20 25 30

Lys Xaa Xaa
35

<210> 7099
<211> 43
<212> PRT
<213> Homo sapiens

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6315

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<222> (34)

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<221> SITE

<222> (36)

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<220>

<221> SITE

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<400> 7099

Xaa	Xaa	Asn	Ser	Xaa	Gly	Lys	Val	Thr	His	Trp	Trp	Gly	Ala	Leu	Asn
1				5				10					15		

Ser	Gly	Ser	Gly	Gly	Cys	Arg	Ile	Arg	His	Glu	Leu	Xaa	Pro	Xaa	Ser
			20					25					30		

Val	Xaa	Tyr	Xaa	His	Leu	Leu	Pro	Pro	Cys	Xaa
			35				40			

<210> 7100

<211> 33

<212> PRT

<213> Homo sapiens

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6316

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 <223> Xaa equals any of the naturally occurring L-amino acids

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<400> 7100
 Ala Arg Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg Ile Thr Ile
 1 5 10 15
 His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Asn Pro Xaa Xaa
 20 25 30

Xaa

<210> 7101
 <211> 23
 <212> PRT
 <213> Homo sapiens

<220>
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<400> 7101

6317

Ala Arg Ala Glu Phe Gly Thr Arg Phe Phe Phe Phe Xaa Gly Xaa
1 5 10 15

Leu Phe Xaa Xaa Ile Thr Leu
20

<210> 7102
<211> 27
<212> PRT
<213> Homo sapiens

<220>
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<222> (13)
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<400> 7102
Leu Phe Ile Xaa Arg Asp Xaa Gly Ala His Asn Cys Xaa Val Asp Ile
1 5 10 15

Asp Leu Xaa Cys Glu Asn Ile Ser Thr Leu Glu
20 25

<210> 7103
<211> 85
<212> PRT
<213> Homo sapiens

<220>
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6318

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<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

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<400> 7103
 Leu Leu Leu Leu Cys Asn Ala Xaa Arg His Xaa Pro Trp Asp His Val
 1 5 10 15
 Ser Phe Asn Lys His Ile Gln Xaa Ala Leu Xaa Glu Leu Met Ala Ser
 20 25 30
 Lys Ala Gln Xaa Xaa Cys Phe Lys His Ser Ala Ile Ser Xaa His His
 35 40 45

6319

Leu Leu Ala Ser Ile Cys Ser Val Gly Phe Leu Pro Ser Ser Leu Met
 50 55 60

Thr Gly Leu Tyr Xaa Lys Lys Leu Pro Pro Glu Thr Tyr Leu Xaa Leu
 65 70 75 80

Ser Leu Leu Cys Leu
 85

<210> 7104
 <211> 70
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7104
 Arg Ser Leu Phe His Val Gly Lys Leu Leu Ala Ile Ser Val Ser Cys
 1 5 10 15

Val Tyr Ala Tyr Val Thr Glu Cys Leu Lys Phe Leu Gln Lys Leu Ser
 20 25 30

Lys Gln Lys His Thr Glu Val His Leu Leu Gly Glu Asp Ile Val Gly
 35 40 45

Leu Ile Ile Tyr Pro Gly Thr Leu Arg Asn Glu Met Glu Ala Gly Asn
 50 55 60

Xaa Asp Gly Met Gln Ile
 65 70

<210> 7105
 <211> 37
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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6320

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7105

Ala Ala Arg Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile
1 5 10 15

Val Ser Arg Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr
20 25 30

Gly Lys Xaa Lys Xaa
35

<210> 7106

<211> 94

<212> PRT

<213> Homo sapiens

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6321

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<222> (85)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7106

Ala	Pro	Pro	Cys	Gly	His	His	Pro	Cys	Arg	Ile	Ile	Cys	Glu	Asn	Asn
1				5					10					15	

Pro	Xaa	Pro	Arg	His	Xaa	Gly	Gln	Leu	Ser	Phe	Val	Ala	Leu	Glu	Ile
			20					25					30		

Xaa	Gly	Val	Pro	Pro	Leu	Asp	Pro	Arg	Ala	His	Ser	Pro	Ser	Thr	Thr
		35						40					45		

Xaa	Val	Ser	Ala	Ala	His	Gln	Ile	Val	Pro	Thr	Lys	Lys	Met	Leu	Cys
	50					55					60				

Glu	Pro	Ile	Cys	Val	Ala	Asn	Arg	His	Gly	Glu	Xaa	Ala	Asp	Phe	Gln
65					70					75					80

Xaa	Arg	Leu	Pro	Xaa	Val	Thr	Xaa	Lys	Pro	Glu	Leu	Gly	Ser
				85				90					

<210> 7107

<211> 33

<212> PRT

<213> Homo sapiens

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<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7107

6322

Gly Val Phe Leu Xaa Thr Ser Gly Ser Xaa Gly Leu Asp Glu Cys Gly
 1 5 10 15

Pro Ser Tyr Gly Xaa Val Pro His Pro Pro Pro Cys Ser Pro Glu Pro
 20 25 30

Pro

<210> 7108

<211> 79

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (73)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7108

Trp Cys Gly Gly Ser Trp Glu Leu Cys Ser Phe Gly Pro Gln Thr Pro
 1 5 10 15

Pro Glu Ser Ala Val Cys Ala Phe Ile Asp Val Pro Leu Leu Cys His
 20 25 30

Val Leu Ser Gln Ala Val Ala Ala Ala Cys Ser Ala Leu Phe Phe Ile
 35 40 45

Leu Glu Pro Asp Glu Leu Leu Thr Val Asp Ser Val Ile Ser Phe Arg
 50 55 60

Met Pro Ala Pro Cys Pro Cys Ser Xaa Val Phe Ser Val Leu Pro
 65 70 75

<210> 7109

<211> 27

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6323

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7109

Ile	Ser	Xaa	Leu	Val	Tyr	Val	Asn	Phe	Glu	Arg	Leu	His	Asp	Phe	Leu
1				5					10					15	

Thr	Xaa	Ile	Asp	Leu	Asp	Ala	Val	Glu	Val	Val
			20				25			

<210> 7110

<211> 43

<212> PRT

<213> Homo sapiens

<220>

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<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7110

Ser	Cys	Arg	Met	Xaa	Leu	Xaa	Leu	Lys	Gly	Thr	Lys	Ala	Gly	Ser	Ser
1				5				10					15		

Thr	Ala	Ser	Gly	Gly	Xaa	Ser	Arg	Thr	Ser	Gly	Ser	Pro	Gly	Leu	Gln
			20				25					30			

Glu	Phe	Xaa	Xaa	Ser	His	Leu	Pro	Val	Ile	Arg
			35			40				

6324

<210> 7111
<211> 32
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (30)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7111
Lys Xaa Asn Gly Gly Leu Asp Leu Asn Xaa Val Xaa Xaa Gly Leu Gly
1 5 10 15

Xaa Ala Pro Pro Lys Lys Ser Phe Phe Phe Ser Glu Leu Xaa Gly Ser
20 25 30

<210> 7112

6325

<211> 69
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (65)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7112
 Gly His Ser Leu Gly Lys Gly Ala Leu Xaa Phe Gly Ser Cys Gly Lys
 1 5 10 15

Met Ser Pro Pro Glu Arg Glu Ala Ala Leu Asn Xaa Val Xaa Thr Trp
 20 25 30

6326

Ala Val Gly Leu Thr Ser Xaa Gln His Xaa Xaa Lys Gly Xaa Gly Gly
 35 40 45

Leu Leu Pro Ala Leu Ile Lys Gly Gln Asn Phe Pro Pro Phe Gln Lys
 50 55 60

Xaa Gly Leu Pro Leu
 65

<210> 7113

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7113

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
 1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Xaa Xaa
 20 25 30

Lys Xaa

<210> 7114

<211> 77

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (49)

6327

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (77)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7114

Val	Phe	Phe	Ser	Phe	Leu	Gln	Leu	Leu	Asp	Asn	Ala	Leu	Pro	Tyr	Gly
1				5					10					15	

Trp	Ala	Gln	Lys	His	Ser	Lys	Phe	Trp	Gly	Ser	Phe	Leu	Ser	Gln	Phe
			20					25					30		

Leu	Val	Glu	Gly	Trp	Gly	Ile	Pro	Val	Leu	Lys	Arg	Ile	Ser	Tyr	Ala
		35					40					45			

Xaa	Ile	Val	Ile	Val	Ile	Leu	Thr	Thr	Arg	Arg	Pro	Ala	Leu	Ile	Ile
	50					55					60				

Leu	Ser	Ser	Phe	Leu	Gln	Met	Phe	His	Leu	Gly	Pro	Xaa
65					70					75		

<210> 7115

<211> 32

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7115

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5					10				15		

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Asp	Xaa	Lys
			20					25					30		

<210> 7116

<211> 46

<212> PRT

<213> Homo sapiens

6328

<400> 7116

Arg Tyr Tyr Lys Gly Arg Phe Ile Phe Lys Leu Gln Phe Leu Lys Val
 1 5 10 15

Ile Ile Asp Ser Val Val His Ser Ile Val Ile Asn His Trp Val Ser
 20 25 30

Ser Val Ile Phe Val Tyr Gln Met Ile Asn Phe Gln Phe Arg
 35 40 45

<210> 7117

<211> 61

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7117

Ser Leu Ile His Val Arg Val Ser Glu Phe Ile His Leu Ser Glu Phe
 1 5 10 15

Arg Asn Phe Thr Leu Lys Leu Asn Phe His Tyr Ile Gln Ala Val Val
 20 25 30

Glu Phe Phe Ser Glu Ser Leu Ile Xaa Phe Leu Ile Xaa Lys Ile Pro
 35 40 45

Ile Val Ser Ser Ile Asn Ala Leu Ile Lys Tyr Cys Thr
 50 55 60

<210> 7118

<211> 32

<212> PRT

<213> Homo sapiens

<220>

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<222> (31)

6329

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7118

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5					10				15		

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Asp	Xaa	Xaa
			20					25					30		

<210> 7119

<211> 20

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7119

Ala	Arg	Val	Phe	Phe	Phe	Phe	Leu	Gly	Gly	Pro	Lys	Phe	Tyr	Xaa	Leu
1				5					10					15	

Phe	Xaa	Lys	Lys
			20

<210> 7120

<211> 65

<212> PRT

<213> Homo sapiens

<220>

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<222> (9)

6330

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<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (51)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7120

Leu	Gly	Cys	Ser	Phe	Leu	Ile	Ile	Xaa	Tyr	Ile	Thr	Glu	Asn	Trp	Thr
1				5				10						15	

Phe	Thr	Phe	Ser	Tyr	Leu	Ala	Phe	Pro	Phe	Asn	Pro	Lys	Ile	Ser	Val
			20				25						30		

Phe	Ser	Ser	Xaa	Lys	Arg	Ser	Pro	Phe	Gln	Leu	Trp	Xaa	Gln	Pro	Pro
			35				40					45			

Trp	Xaa	Xaa	Ile	Lys	Leu	Pro	Leu	Leu	Xaa	Phe	Leu	Asn	Ile	Trp	Asn
	50					55					60				

Leu

65

<210> 7121

<211> 58

<212> PRT

<213> Homo sapiens

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6331

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<221> SITE
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (36)
<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (53)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (58)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7121
Gly Ser Arg Leu Glu Xaa Asp Leu Gly Arg Arg Gln Ser Leu Thr Pro
1 5 10 15
Ile Gly Val Arg Xaa Glu Asp Leu Leu His Ser Ser Ser Val Asp Asn
20 25 30
His Asn Gly Xaa Pro Arg Lys Gly Leu Ser Cys Phe Gly Leu Leu Xaa
35 40 45
Val Xaa Ala Val Xaa Cys His Ser Gly Xaa
50 55

<210> 7122
<211> 37

6332

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7122

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5					10					15	

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Lys	Pro
			20					25					30		

Asn	Xaa	Xaa	Xaa	Xaa	Xaa
					35

<210> 7123

<211> 38

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7123

Leu	Ser	Trp	Thr	Glu	Val	Cys	Gln	Ser	Arg	Tyr	Cys	Ile	Thr	Ile	Leu
1					5					10				15	

Leu	Val	Leu	Thr	Val	Phe	Thr	Xaa	Leu	Asn	Gly	Lys	Pro	Thr	Gly	Tyr
				20					25					30	

6333

Phe Leu Lys Leu Pro Leu
35

<210> 7124

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (10)

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<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7124

Pro Pro Pro Phe Phe Leu Gly Lys Phe Xaa Tyr Pro Xaa Pro Pro Pro
1 5 10 15

Phe Xaa Phe Pro Xaa Lys Xaa Lys Phe Phe Xaa Asn Pro Arg Leu Pro

6334

20

25

30

Xaa

<210> 7125

<211> 91

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (81)

<223> Xaa equals any of the naturally occurring L-amino acids

6335

<220>

<221> SITE

<222> (90)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7125

Met	Gly	Val	Leu	Val	Thr	Ala	Lys	Arg	Leu	Arg	Ser	Val	Pro	Thr	Pro
1				5					10					15	

Val	Xaa	Phe	Pro	Gly	Arg	Gly	Arg	Leu	Ser	Arg	Arg	Glu	Arg	Lys	Ala
			20					25					30		

Xaa	Xaa	Gly	Xaa	Lys	Val	Met	Arg	Gly	Xaa	Lys	Glu	Asp	Thr	Glu	Thr
		35					40					45			

Leu	Lys	Val	Glu	Pro	Val	Trp	Thr	Gln	Xaa	Lys	Glu	Ser	Leu	Arg	Ile
	50					55					60				

Ser	Met	Xaa	Glu	Lys	Glu	Lys	Lys	Arg	Ile	Ser	Arg	Ile	Val	Leu	His
65					70					75					80

Xaa	Leu	Leu	Val	Lys	Ala	Pro	Gly	Asn	Xaa	His
				85				90		

<210> 7126

<211> 64

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7126

Glu	Cys	Arg	Pro	Pro	Glu	Asn	Gln	Ala	Glu	Asp	Cys	Gly	Val	Arg	Cys
1				5					10					15	

Pro	Arg	Xaa	Val	Ser	Ala	Ser	Ser	Gly	Ala	Thr	Ser	Lys	Ser	Ser	Ser
			20					25					30		

Met	Asn	Pro	Thr	Glu	Thr	Lys	Ser	Leu	His	Arg	Gly	Lys	Glu	Arg	Asn
	35					40						45			

Glu	Lys	Leu	Ile	Leu	Leu	Met	Glu	Thr	Phe	Ala	Glu	Lys	Asn	Leu	His
	50					55					60				

6336

<210> 7127
<211> 23
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (5)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (7)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (10)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (14)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7127
Ile Asn Ala Ser Xaa Leu Xaa Thr Pro Xaa Leu Ile Tyr Xaa Gly Leu
1 5 10 15

Asn Phe Cys Leu Leu Cys Ala
20

<210> 7128
<211> 33
<212> PRT
<213> Homo sapiens

<220>
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<222> (31)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (32)

6337

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7128

Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg	Ile	Thr	Ile
1				5					10					15	

His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Lys	Pro	Lys	Xaa	Xaa
			20					25						30	

Xaa

<210> 7129

<211> 38

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7129

Gly	Thr	Arg	Gly	Gly	Pro	Val	Pro	Asn	Ser	Pro	Tyr	Ser	Glu	Ser	Tyr
1				5					10					15	

Tyr	Asn	Ser	Leu	Ala	Val	Val	Leu	Gln	Arg	Arg	Asp	Trp	Val	Lys	Pro
			20					25						30	

6338

Xaa Xaa Ser Phe Xaa Xaa

35

<210> 7130

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7130

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5				10					15		

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Xaa	Pro
			20					25					30		

Lys

<210> 7131

<211> 16

<212> PRT

<213> Homo sapiens

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<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7131

Gly	Lys	Arg	Pro	Thr	Ala	Ser	Ile	Xaa	Thr	Cys	Asn	Xaa	Ser	Cys	Xaa
1					5				10				15		

6339

<210> 7132

<211> 43

<212> PRT

<213> Homo sapiens

<220>

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7132

Asn	Leu	Thr	Lys	Gly	Thr	Lys	Leu	Asn	Phe	His	Arg	Gly	Gly	Xaa	Ala
1				5					10					15	

Val	Xaa	Lys	Leu	Leu	Asp	Xaa	Pro	Gly	Leu	Gln	Gly	Ile	Pro	Glu	Gln
			20					25					30		

Pro	Lys	Met	Ala	Glu	Val	Gln	Val	Leu	Gly	Cys
		35					40			

<210> 7133

<211> 43

<212> PRT

<213> Homo sapiens

<220>

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<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7133

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5					10				15		

6340

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
 20 25 30

Gln Thr Phe Ser Phe Pro Leu Tyr Xaa Pro Thr
 35 40

<210> 7134

<211> 78

<212> PRT

<213> Homo sapiens

<220>

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<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7134

Asn Pro Pro Ser Gly Glu Ile Ser Leu Gly Pro Ser Asn Phe Gln Phe
 1 5 10 15

Phe Asn Gln Pro Lys Thr Pro Thr Pro Gln Asn Leu Tyr Phe Phe Tyr
 20 25 30

Phe Lys Asn Pro Phe Lys Xaa Pro Asn Xaa Gly Gly Pro Ile Pro Pro
 35 40 45

Pro Leu Phe Xaa Phe Glu Lys Pro Xaa Gly Gly Gly Pro Xaa Phe Leu
 50 55 60

6341

Lys Phe Leu Phe Trp Gly Gly Phe Phe Pro Gly Leu Ser Leu
 65 70 75

<210> 7135

<211> 54

<212> PRT

<213> Homo sapiens

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<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7135

Thr His Xaa Cys Leu Thr Val Ala Glu Leu Phe Glu Leu Leu Ile Gln
 1 5 10 15

Cys Xaa Leu Xaa Phe Asn Arg Ser Asn Pro Leu Pro Tyr Pro Leu Xaa
 20 25 30

6342

Ala His Val Phe Leu Thr Leu Pro Gly Cys Xaa Asn Asn Ser Pro Xaa
35 40 45

Xaa Trp Ser Phe Pro Gln
50

<210> 7136

<211> 34

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7136

Pro Pro Leu Trp Pro Val Gly Xaa Ser Pro Glu His Cys Ala Val Gly
1 5 10 15

Pro Ser Trp Ser Xaa Leu Leu Xaa Gly Thr Val Glu Arg Pro Ser Ser
20 25 30

Ser Lys

<210> 7137

<211> 82

<212> PRT

<213> Homo sapiens

<220>

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6343

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<220>

6344

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 <223> Xaa equals any of the naturally occurring L-amino acids

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 <222> (67)
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 <222> (70)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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 <222> (79)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7137
 Leu Xaa Gly Leu Asn Xaa Thr Pro Arg Arg Gly Gly Arg Ser Xaa Ile
 1 5 10 15
 Val Asp Pro Pro Gly Cys Xaa Asn Ser Ala Arg Ala Glu Arg Thr Ser
 20 25 30
 Leu Cys Tyr Glu Phe Xaa Ser Leu His Xaa Lys Val Lys Phe Ser Xaa
 35 40 45
 Met Ile Leu Leu Ala Val Xaa Xaa Arg Xaa Ser Val Thr Val Xaa Leu
 50 55 60
 Thr Xaa Xaa Ser Trp Xaa Thr Ser Ala Arg Ile Leu Ser Pro Xaa Ser
 65 70 75 80
 Ala Ala

<210> 7138
 <211> 53
 <212> PRT
 <213> Homo sapiens

<220>
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 <220>

6345

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 <223> Xaa equals any of the naturally occurring L-amino acids

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 <222> (14)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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 <220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
 <221> SITE
 <222> (49)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
 <221> SITE
 <222> (53)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7138
 Gly Gly Gly Arg Leu Gly Gly Arg Gly Xaa Pro Ala Xaa Xaa Leu Lys
 1 5 10 15
 Glu Lys Thr Leu Lys Phe Gly Gly Lys Phe Ser Pro Pro Arg Gly Gly
 20 25 30
 Ala Trp Ala Lys Gly Gly Lys Xaa Ser Arg Gly Xaa Asn Gly Lys Gly
 35 40 45
 Xaa Glu Lys Ile Xaa
 50

<210> 7139
 <211> 38
 <212> PRT
 <213> Homo sapiens

<220>
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6346

<222> (1)

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<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7139

Xaa	Tyr	Trp	Gly	His	Ile	Gln	His	Ser	Leu	Trp	Leu	Ser	Thr	Pro	Xaa
1				5					10					15	

Asn	Arg	His	Pro	Xaa	Ala	Gln	Glu	Leu	Met	Gly	Leu	Xaa	Leu	Arg	Leu
			20					25					30		

Tyr	Ala	Arg	Ala	Ser	Arg
				35	

<210> 7140

<211> 46

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

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<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6347

<221> SITE
 <222> (21)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (44)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7140
 Leu Phe Glu Leu Xaa Pro Xaa Trp Ile Lys Thr Gly Ala Pro Pro Pro
 1 5 10 15
 Xaa Arg Pro Leu Xaa Asn Asn Gly Ser Pro Gly Leu Gln Glu Ile Arg
 20 25 30
 His Glu Leu Arg Leu Arg Val Ser Pro Leu Arg Xaa Arg Leu
 35 40 45

<210> 7141
 <211> 34
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (4)
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<220>
 <221> SITE
 <222> (7)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (27)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (29)
 <223> Xaa equals any of the naturally occurring L-amino acids

6348

<400> 7141

Ser Leu Lys Xaa Ile Thr Xaa Ile Leu Ser Xaa Ser Ile Pro Lys Thr
1 5 10 15

Gly Val Arg Ser Pro Lys Gly Ser Thr Pro Xaa Tyr Xaa Leu Leu Ser
20 25 30

Thr Thr

<210> 7142

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7142

Gly Gly Gly Xaa Leu Leu Xaa Phe Arg Ala Xaa Gly Gly Xaa Lys Ala
1 5 10 15

Gly Leu His Arg Arg Gly Ser Arg Ser Lys Thr Asn Xaa Ser Pro Gly
20 25 30

Leu

6349

<210> 7143
<211> 40
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (39)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7143
Ala Val Ala Xaa Ala Leu Xaa Leu Xaa Asp Pro Xaa Gly Cys Ile Asn
1 5 10 15
Ser Ala Arg Ala Asn Val Gln Leu Pro Tyr Gly Ser Ser Leu Asn Pro
20 25 30
Gly Ser Ser Asp Thr Ile Xaa Leu
35 40

<210> 7144
<211> 54
<212> PRT
<213> Homo sapiens

<220>

6350

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7144

Ala	Thr	Thr	Trp	Xaa	Ser	Phe	Gln	Arg	His	Ser	Trp	Gly	Leu	Ser	Ile
1				5					10					15	

Gly	Leu	His	Ser	Thr	Xaa	Ile	Leu	Gln	Tyr	Arg	Thr	Phe	Asn	Gly	Ala
		20						25					30		

Val	Xaa	Val	Leu	Lys	Leu	Tyr	Phe	Ile	Ser	Lys	Ile	Xaa	Met	Val	Met
		35					40					45			

His	Ile	Ser	Glu	Leu	Ser
					50

<210> 7145

<211> 76

<212> PRT

<213> Homo sapiens

<220>

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<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6351

<222> (70)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7145

Ser	Leu	Gly	Asp	Ile	Lys	Val	Pro	Gly	Asn	Leu	Leu	Val	Arg	Glu	Gly
1				5				10					15		

Glu	Arg	Gly	Glu	Ser	Cys	Thr	Glu	Ser	Lys	Leu	Gln	Arg	Phe	Ala	Glu
			20				25					30			

Asp	Ser	Ser	Trp	Ser	Xaa	Gln	His	Ser	Met	Gln	Leu	Met	Phe	Ile	Gly
		35				40					45				

Ala	Ser	Tyr	Leu	Arg	Phe	Arg	Gly	Asn	Tyr	Thr	Xaa	Lys	Asp	Arg	Arg
	50					55					60				

Asn	Ser	Ala	Leu	His	Xaa	His	Arg	Thr	Glu	Arg	Lys
65					70				75		

<210> 7146

<211> 60

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (44)

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

6352

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<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7146

Cys	Pro	Ser	Phe	Asn	Gly	Lys	Asn	Trp	Thr	Xaa	Arg	Xaa	Gly	Gly	Arg
1				5					10					15	

Ser	Arg	Ile	Val	Asp	Pro	Pro	Gly	Cys	Arg	Glu	Phe	Gly	Thr	Ser	Leu
			20					25					30		

Ser	Ser	Leu	Ser	Leu	Leu	Xaa	Gly	His	Arg	Leu	Xaa	Thr	Leu	Xaa	Trp
		35					40					45			

Gln	Ser	Leu	Thr	His	Xaa	Arg	Asp	Ala	Gln	Gly	Xaa
	50					55					60

<210> 7147

<211> 101

<212> PRT

<213> Homo sapiens

<220>

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<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

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<220>

6353

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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<400> 7147
 Leu Arg Ile Arg Phe Cys Pro Val Ala Ser Arg Glu Ser Pro Gly His
 1 5 10 15
 Leu Asp Tyr Leu Ile Thr Ile Thr Pro Pro Ile Val Thr Gln Leu His
 20 25 30
 Thr Xaa Met Phe Leu Lys Ile Leu Asn Arg Xaa Ser Asn Pro Leu Gly
 35 40 45
 Asn Arg Leu Ser Thr Lys Xaa Ser Pro Pro Ile Trp Leu Leu Asn Leu
 50 55 60
 Ala Pro Ser Ser His Phe Thr Tyr Xaa Val Pro Val Pro Xaa Lys Xaa
 65 70 75 80
 Arg Met Glu Xaa Pro Ala Leu Xaa Pro Gly Pro Arg Pro Phe Tyr Ile
 85 90 95
 Xaa Ala Lys Lys Lys
 100

<210> 7148
 <211> 54
 <212> PRT

6354

<213> Homo sapiens

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7148

Leu	His	Pro	Gln	Val	Glu	Lys	Met	Leu	Pro	Glu	His	Ala	Ala	Ala	Pro
1				5				10						15	

Ile	Ala	Ser	Cys	Leu	Ala	Lys	Thr	Asp	Pro	Gly	Asp	Ser	His	Glu	Thr
			20					25						30	

Thr	Val	Pro	Gly	Cys	Leu	His	Ser	Pro	Cys	Tyr	Val	Leu	Gly	Thr	Glu
			35					40						45	

Thr	Val	Asp	Xaa	Pro	Phe
			50		

<210> 7149

<211> 22

<212> PRT

<213> Homo sapiens

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<222> (1)

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<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

6355

<400> 7149

Xaa Xaa Val Ala Leu Leu Asn Val Tyr Asp Leu Phe Tyr Xaa Leu Arg
1 5 10 15

Ser Xaa Met Val Xaa Glu
20

<210> 7150

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7150

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Thr Pro
20 25 30

Lys Xaa

<210> 7151

<211> 76

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (70)

<223> Xaa equals any of the naturally occurring L-amino acids

6356

<400> 7151

Ser Ala Arg Val His Ser Glu Tyr Cys Gly Ser Pro Gly Lys Phe Val
 1 5 10 15

His Arg Gly Tyr Cys His Phe Gly Lys Thr Leu Gly Cys Leu Val Arg
 20 25 30

Arg Leu Gln Xaa Ala Glu Gly Gln Thr Thr Lys Gly Cys Phe Arg Val
 35 40 45

Gln Leu Arg Arg Glu Xaa Gly His Gln Lys Lys Glu Pro Asp Trp Trp
 50 55 60

Leu Tyr Leu His Pro Xaa Phe Lys Gln Trp Arg Ser
 65 70 75

<210> 7152

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (7)

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<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (24)

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6357

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7152

Gln	Thr	Thr	Leu	Phe	Arg	Xaa	Asn	Ala	Pro	Gly	Leu	Thr	Xaa	His	Gly
1				5					10					15	

Ala	Ala	Leu	Xaa	Pro	Phe	Thr	Xaa	Cys	Xaa	Xaa	Thr	Gln	Xaa	Ser	Lys
		20						25					30		

Thr Val

<210> 7153

<211> 60

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

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<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7153

Xaa	Thr	Ile	Ala	His	Phe	Phe	Leu	Lys	Gln	Pro	Val	Lys	Gln	Xaa	Leu
1				5					10					15	

Ile	Ser	Asn	Ala	Arg	Leu	Ile	Tyr	Leu	Ser	Phe	Trp	Arg	Trp	Val	Leu
		20						25					30		

Tyr	Ser	Ser	Ser	Ser	Pro	Phe	His	Val	Pro	Pro	Asp	Leu	Leu	Val	Leu
		35					40					45			

Phe Phe Arg Tyr Ser Ile Xaa His Thr Phe Met Leu

6358

50

55

60

<210> 7154

<211> 46

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (22)

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<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7154

Pro Ile Leu Cys Gln Thr Trp Ser Lys Ser Leu Ser Ser Gly Ser Asn

1

5

10

15

Thr Ala Ala Met Leu Xaa Leu Ser His Ser Xaa Leu Ala Arg Xaa Glu

20

25

30

Glu Lys Lys Lys Val Cys Leu Ser Leu Leu Lys Asp Ser Ala

35

40

45

<210> 7155

<211> 25

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

6359

<400> 7155

Xaa Leu Lys Asp Lys Thr Asp Pro Arg Xaa Gly Arg Ser Asn Tyr Gly
1 5 10 15

Pro Arg Leu Gln Asn Ser Ala Arg Gly
20 25

<210> 7156

<211> 34

<212> PRT

<213> Homo sapiens

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<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7156

Ala Ala Arg Xaa Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Ile Pro
20 25 30

Lys Xaa

<210> 7157

<211> 79

<212> PRT

<213> Homo sapiens

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6360

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6361

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 <400> 7157
 Gly Ala Pro Ala Pro Ser Pro Gly Met Arg Ile Leu Gly Tyr Xaa Ile
 1 5 10 15
 Leu Xaa Xaa Ser Xaa Ala Thr Xaa Xaa Xaa Gly Ser Gly Glu Gly Xaa
 20 25 30
 Thr Trp Asp Leu Xaa Cys Leu Met Xaa Lys Xaa Xaa Asp His Cys Xaa
 35 40 45
 Thr Ser Val Leu Leu Lys Met Ser Gly Ile Arg Xaa Arg Asp Cys Asn
 50 55 60
 Cys Arg Phe Val Thr Asp Thr Xaa Leu Ser Ile Xaa Ser Ile Ser
 65 70 75

 <210> 7158
 <211> 23
 <212> PRT
 <213> Homo sapiens

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6362

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<400> 7158
Trp Gly His Arg Ala Xaa Xaa Asn Gln Xaa Pro Lys Xaa Ile Xaa Xaa
1 5 10 15
Thr His Pro Val Pro Xaa Leu
20

<210> 7159
<211> 65
<212> PRT
<213> Homo sapiens

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6363

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7159

Ala	Tyr	Lys	Lys	Glu	Lys	Glu	Gln	Ser	Gln	Glu	Arg	Thr	Xaa	Xaa	Lys
1				5					10					15	

Cys	Phe	Gly	Thr	Ser	Leu	Phe	Leu	Asp	Phe	Glu	Leu	Ser	Asn	Trp	Phe
			20					25					30		

Ser	Gln	Val	Lys	Leu	Lys	Asn	Ser	Glu	Thr	Trp	Phe	Tyr	Glu	Ser	Cys
		35				40						45			

Ser	Tyr	Thr	Phe	Leu	Xaa	Xaa	Gly	Pro	Xaa	Leu	Leu	Pro	Arg	Leu	Leu
	50					55					60				

Thr
65

<210> 7160

<211> 33

<212> PRT

<213> Homo sapiens

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<400> 7160

Leu	Val	Ser	Arg	Gly	Gly	Pro	Val	Pro	Asn	Ser	Pro	Tyr	Ser	Glu	Ser
1				5					10					15	

6364

Tyr Tyr Asn Ser Leu Ala Val Val Leu Asn Val Val Thr Gly Thr Xaa
 20 25 30

Xaa

<210> 7161
 <211> 39
 <212> PRT
 <213> Homo sapiens

<220>
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<400> 7161
 Tyr Xaa Ser Ile Thr Xaa Lys Gly Gln Thr Asp Ser Arg Gly Gly Ala
 1 5 10 15

Leu Glu Tyr Gly Pro Arg Leu Gln Ile Arg Arg Ala Gly Val Glu Xaa
 20 25 30

Xaa Leu Xaa Pro Glu Cys His
 35

<210> 7162

6365

<211> 33
<212> PRT
<213> Homo sapiens

<220>
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<220>
<221> SITE
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7162
Arg His Glu Gly Gly Pro Val Pro Asn Ser Pro Tyr Ser Glu Ser Tyr
1 5 10 15
Tyr Asn Ser Leu Ala Val Val Leu Asn Val Val Thr Gly Pro Xaa Xaa
20 25 30

Xaa

<210> 7163
<211> 84
<212> PRT
<213> Homo sapiens

<220>
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<222> (1)
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6366

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<400> 7163
Xaa Pro Ile Xaa Lys Xaa Xaa Arg Leu Cys Xaa Gln Asp Asn Arg Leu
1 5 10 15

Gly Asn Ser Ser Thr Arg Val Ala Lys Thr Gln Thr His Leu Leu Gly
20 25 30

6367

Leu Xaa His Xaa Ile Ala Ile Asn Xaa Phe Pro Cys Gly Leu Leu Xaa
 35 40 45
 Glu Glu Phe Ala Leu Leu Xaa Pro Ser Gly Val Pro His Ala Arg Xaa
 50 55 60
 Ser Cys Pro Cys Arg Pro Ile Leu Ile Tyr Arg Ala Thr Arg Lys Thr
 65 70 75 80
 Ile Cys Xaa Ser

<210> 7164
 <211> 48
 <212> PRT
 <213> Homo sapiens

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<220>
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 <222> (48)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7164
 Ala Ala Arg Ala Leu Pro Arg Arg Thr Xaa Glu Ile Thr Val Thr Xaa
 1 5 10 15
 Ser Ser Ala Leu Val Arg Asn Arg Glu Gln Leu Arg Leu Ser Pro Lys
 20 25 30
 Asn Leu Leu Glu Gly Leu Glu Lys Phe Leu Pro Leu Ile Pro Ala Xaa
 35 40 45

<210> 7165

6368

<211> 93
 <212> PRT
 <213> Homo sapiens

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 <223> Xaa equals any of the naturally occurring L-amino acids

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<220>
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 <222> (91)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7165

Lys Asn Gln Ala Ala Gly Arg Glu Ser Leu Gln Ser Arg Xaa Glu Val
 1 5 10 15

Glu Tyr Thr Arg Asp Gln Thr His Asp His Ser Ser Leu Gln Thr Phe
 20 25 30

Leu Gly Xaa Gln Gln Pro Met Pro Ser Leu Gly Met Leu Pro Leu Cys
 35 40 45

Cys Glu Glu Leu Ile Leu Val Phe His His Ser Gly Ser Asn Met Leu
 50 55 60

6369

Xaa Pro Thr Ser Leu Asp Xaa Pro Gly Leu Thr Ile Ile Leu Xaa Phe
 65 70 75 80

Leu Phe Val Leu Ser Thr Xaa Ser Asn Asn Xaa Thr Ser
 85 90

<210> 7166

<211> 77

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (77)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7166

Glu Asn Arg Tyr Ser Ser Leu Ser Xaa Asn Asn Leu Ile Pro Pro Val
 1 5 10 15

Gln Leu Lys Tyr Leu Leu Gly Lys Tyr Tyr Cys Glu Arg Arg Asn Xaa
 20 25 30

6370

Tyr Xaa Tyr Ile Leu Thr Ile Arg His Leu Xaa Arg Lys His Thr Thr
35 40 45

Leu Xaa Tyr Leu Thr Asn Trp Lys Thr His Thr Ser Gly Ala Lys Leu
50 55 60

Gln Leu Arg His Leu Phe Leu Ala Val Arg Ser Ile Xaa
65 70 75

<210> 7167

<211> 51

<212> PRT

<213> Homo sapiens

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6371

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7167

Ser	Cys	Arg	Xaa	Gly	Thr	Ser	Xaa	Ile	Val	His	Xaa	Met	Leu	Val	Xaa
1				5				10					15		

Ile	Glu	Asp	Asn	Xaa	Asp	Phe	Arg	Lys	Xaa	Leu	Xaa	Gly	Cys	Cys	Phe
			20					25					30		

Tyr	Asn	Xaa	Xaa	Ser	Thr	Glu	Arg	His	Lys	Pro	Gln	Thr	Ser	Ser	Ser
		35					40					45			

Pro	Arg	Thr
		50

<210> 7168

<211> 35

<212> PRT

<213> Homo sapiens

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<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6372

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7168

Gly Lys Tyr His Ser Pro Ser Ile Leu Thr Lys Gly Xaa Lys Met Thr
1 5 10 15

Met Cys Met Xaa Cys Asp Ala Thr Thr Leu Xaa Xaa Arg Xaa Tyr Thr
20 25 30

Lys Glu Lys
35

<210> 7169

<211> 60

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7169

Pro Leu Tyr Leu Leu His Asn Glu Leu Thr Arg Ile Thr Cys Lys Arg
1 5 10 15

Ala Lys Leu Arg Pro Arg Asn Xaa Glu Leu Leu Arg Thr Leu Lys Asp
20 25 30

Thr Pro Ser Met Cys Lys Tyr Gly Lys Ile Ile Val Ser Thr Thr Thr
35 40 45

Ser Cys Asp Thr Gly Val Lys Ile Ile Tyr Ser Leu
50 55 60

<210> 7170

<211> 48

<212> PRT

<213> Homo sapiens

<400> 7170

Pro Leu Lys Asp Lys Arg Thr Pro Ala Gly Ala Ala Leu Thr Met Asp
1 5 10 15

Pro Gly Leu Gln Asn Ser Ala Arg Ala Gln Thr Gly Lys Thr Arg His

6373

	20		25		30	
Asn	Asp	Lys	His	Thr	Gly	Cys
					Cys	Gly
					Asp	Asn
					Asp	Gln
					Leu	Ser
					Val	
	35				40	45

<210> 7171

<211> 92

<212> PRT

<213> Homo sapiens

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6374

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (92)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7171

Gly	Ile	Xaa	Val	Pro	Ser	Leu	Pro	Val	Ser	Gly	Leu	Tyr	Ala	Xaa	Arg
1				5				10						15	

Gly	Leu	Xaa	Ser	Ala	Asp	Xaa	Ile	Ser	Asp	Tyr	Val	Tyr	Thr	Ser	Ser
			20					25					30		

Thr	Asn	Cys	Val	Gln	Leu	Leu	Gly	Phe	Trp	Xaa	Xaa	Thr	Pro	Leu	Pro
		35					40					45			

Gly	His	Ala	Asp	Asp	Pro	Gly	Met	Pro	Lys	Asn	Ala	Leu	Arg	Ser	Pro
	50					55					60				

Asp	Tyr	Val	Ser	Trp	Xaa	Cys	Tyr	Met	Pro	Asn	Leu	Xaa	Ser	Ala	Thr
65					70					75					80

Xaa	His	Met	Ile	Cys	Thr	Xaa	Arg	Asn	Asp	Thr	Xaa
				85					90		

<210> 7172

<211> 43

<212> PRT

<213> Homo sapiens

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<222> (2)

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6375

<221> SITE
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 <222> (13)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
 <221> SITE
 <222> (41)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7172
 Arg Xaa Xaa Leu Asp Ser Pro Arg Gly Ala Ala Leu Xaa Tyr Gly Ser
 1 5 10 15

 Pro Gly Cys Met Asn Ser His Glu His Ala Arg Gly Pro Asn Asn Ser
 20 25 30

 Glu Ala Gly Gly Ile Pro Thr Leu Xaa Leu Asp
 35 40

 <210> 7173
 <211> 72
 <212> PRT
 <213> Homo sapiens

 <220>
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 <222> (33)
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 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
 <221> SITE
 <222> (66)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7173
 Lys Val Cys Ile Glu Tyr Thr Ser Gly Phe Phe Ala Leu Leu Phe Ala
 1 5 10 15

 His Cys Ser His Val Phe Phe Ile Ala Val Ser Lys Asn Ile Leu Asp

6376

	20		25		30
Xaa	Tyr	Gly	Met	Leu	Phe
	35		40		45
Ile	Xaa	Tyr	Ile	Cys	Gly
	50		55		60
Leu	Xaa	Val	Pro	Asn	Cys
	65		70		

<210> 7174

<211> 64

<212> PRT

<213> Homo sapiens

<400> 7174

Glu	Lys	Asn	Ile	Ser	Glu	Trp	Gly	Ile	Leu	Arg	Lys	Met	Ile	Asn	Thr
1				5					10					15	
Ala	Gln	Glu	Tyr	Lys	Lys	Glu	Ser	Lys	Ser	Tyr	Asn	Met	Ser	Leu	Leu
			20					25						30	
His	Ile	Tyr	His	Ser	Ser	Leu	Phe	Cys	Phe	Val	Leu	Asp	Asp	Ala	Lys
		35					40					45			
Leu	Arg	Gly	Leu	Ala	Ala	Pro	Ser	Asn	Leu	Ser	Met	Glu	Ser	Asp	Ser
	50					55					60				

<210> 7175

<211> 89

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 7175
 Asn Pro Glu Ser Glu Arg Gly Arg Asp Asp Gly Leu Gln Ala Ser Gly
 1 5 10 15
 Pro Ser Arg Gly Pro Arg Ser Met Trp Leu Leu Pro Ser Leu Ser Val
 20 25 30
 Leu Cys Val Ala Ser Ser Ser Leu Thr Gly Tyr Pro Ala Xaa Pro Ser
 35 40 45
 Ser Phe Ser Ser Pro Thr Phe Pro Lys Gly Val Leu His Phe Tyr Phe
 50 55 60
 Gly Xaa Asn Phe Ser Trp Gly Glu Asn Xaa Gly Trp Gly Leu Pro Xaa
 65 70 75 80
 Lys Pro Xaa Gly Thr Phe Pro Ala Ile
 85

<210> 7176
 <211> 64
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (38)
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6378

<220>

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<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7176

Thr Ala Ser Gly Ser Trp Asp Lys Leu Gly Phe Thr Leu Ile His Asn
1 5 10 15

Ser Ile Ser Ser Ser Val Phe Pro Phe Pro Thr Leu Arg Phe Leu Cys
20 25 30

Cys Arg Trp Ala Gln Xaa Arg Thr His Pro Thr Xaa Pro Gly Xaa Pro
35 40 45

Gly Gly Lys Pro Gly Gly Gly Ala Gly Lys Asn Arg Pro Asn Asp Cys
50 55 60

<210> 7177

<211> 54

<212> PRT

<213> Homo sapiens

<220>

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<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7177

Asn Phe Glu Gly Ser Leu Arg Lys Pro Leu Asn Trp Lys Ser Leu Ala
1 5 10 15

Ala Leu Ser Xaa Ile Ser Val Asn Val Ser Lys Glu Leu Met Leu Cys
20 25 30

Tyr Leu Ile Lys Pro Ser Thr Met Thr Asp Lys Glu Met Glu Ser Pro
35 40 45

Glu Met Phe Glu Lys Asp
50

<210> 7178

<211> 41

<212> PRT

6379

<213> Homo sapiens

<400> 7178

Arg Met Pro Asn Lys Ala Arg Lys Ser Ile Val Thr Cys Ala Leu Arg

1

5

10

15

Ala Gln Tyr Leu Tyr Leu Ile Ser Thr Glu Glu Ile Phe Leu Cys Asn

20

25

30

Leu Ile Phe Cys Leu Val Leu Val Leu

35

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<210> 7179

<211> 46

<212> PRT

<213> Homo sapiens

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<400> 7179

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Cys Leu Ile Gly Trp Ser Xaa Xaa Val Gly Glu Glu Arg Tyr Arg Ser

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25

30

Cys Leu Ile Ser Ile Ser Cys Ser Ala Leu Lys Ile Phe Ile

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6381

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 1 5 10 15

 Xaa Asn Gln Ala Leu Ser Ile Leu Pro Lys Thr Xaa Val Cys Asp Ser
 20 25 30

 Ser Phe Gln Trp Leu Phe Ser Ile Pro Ser Xaa Arg Xaa Pro His Leu
 35 40 45

 Ser Ser Xaa Leu Pro Ser Ser Trp Thr Val Arg Cys Leu Phe Tyr Ser
 50 55 60

 Pro Phe Ser Ile Arg Val Trp Asp Gly Pro Lys Xaa Ser Ser Ser Leu
 65 70 75 80

 Asn Asn Ile Val Leu Asp Thr Xaa Ile Glu His Xaa Xaa Leu Leu Val
 85 90 95

 Ala Xaa Leu His Cys Ile Leu Val Tyr Gln Ile Xaa Pro Xaa Xaa Xaa
 100 105 110

<210> 7181
 <211> 63
 <212> PRT
 <213> Homo sapiens

6382

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<400> 7181
 Leu Asp Phe Cys Met Glu Asn Ile Gln Gly Tyr Ile Ser Leu Phe Leu
 1 5 10 15
 Tyr Ser Arg Glu Gly His Leu Val Leu Cys Lys Tyr Val Ala Asp Leu
 20 25 30
 Ser Phe Ser Asp Xaa Arg Ala Pro Xaa Leu Lys Val Phe Leu Asn Ala
 35 40 45
 Trp Lys Glu Asn Val Ile Phe Xaa Glu Ser Asn Ile Phe Ile Ser
 50 55 60

<210> 7182
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<400> 7182

6383

Leu Xaa Phe Ala Leu Ser Xaa Cys His Gly His Asp Ser Arg Ser Xaa
 1 5 10 15

Ser Lys

<210> 7183

<211> 38

<212> PRT

<213> Homo sapiens

<400> 7183

Asp Ile Asp Phe Trp His Asp Arg Val Arg Arg Leu Met Lys Pro Leu
 1 5 10 15

Pro Lys Lys Thr Ala Arg Lys Leu Glu Glu Asn Cys Gln Lys His Pro
 20 25 30

Phe Gln Leu Pro Lys Asn
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<211> 35

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<400> 7184

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
 1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Pro
 20 25 30

Lys Xaa Xaa
 35

6384

<210> 7185
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<400> 7185
 Cys Cys Gly Leu Cys Val Thr Leu Ser His Ile Ile Gln Arg Ile Met
 1 5 10 15
 Phe Thr Phe Ile Ala Lys Xaa Ile Cys Leu Met Pro Asn Thr Pro Ser
 20 25 30
 Pro Xaa Ala Pro Arg Pro Gly Val Ser Phe Arg Lys Gly Lys Gly Xaa
 35 40 45
 Gly Leu Tyr
 50

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 <400> 7186
 Lys Glu Lys Gly Lys Cys His Lys Lys Leu Glu Tyr Leu Trp Ser Leu
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 Lys Pro Trp Asn Leu Leu Xaa Gly Xaa Val Tyr Xaa Arg Asn Pro Gly
 20 25 30
 Xaa

<210> 7187
 <211> 20
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<400> 7187
 Phe Ile Tyr Xaa Cys Cys Ala Leu Thr Val Pro Xaa Ile Ile Leu Xaa
 1 5 10 15

6386

Tyr His Xaa Val
20

<210> 7188

<211> 16

<212> PRT

<213> Homo sapiens

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<222> (13)

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<400> 7188

Glu	Leu	Val	Ser	Ser	Phe	Phe	Phe	Phe	Phe	Xaa	Xaa	Xaa	Thr	Trp	Ile
1				5					10					15	

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<211> 60

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7189

Xaa	Ser	Tyr	Xaa	Phe	Ser	Arg	Xaa	Asn	Val	Leu	Pro	Leu	Thr	Phe	Ile
1				5				10						15	

Asn	Ser	Val	Tyr	Ile	Phe	Xaa	Gln	His	Ser	Lys	Leu	Leu	Glu	Ser	Asn
			20					25					30		

Ser	Phe	Thr	Tyr	Phe	Tyr	Leu	Leu	Phe	Ser	Leu	Cys	Thr	Ala	Leu	Ser
		35					40					45			

Cys	Ile	Val	Phe	Gln	His	Met	Arg	Leu	Thr	Ala	His
	50					55					60

<210> 7190

<211> 24

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7190

Val	Asn	Thr	Ile	Pro	Xaa	Thr	Arg	Leu	Arg	Gly	Xaa	Thr	Cys	Gln	Ile
1				5				10						15	

Val	Leu	Ser	Leu	Ala	Met	Tyr	Pro
			20				

<210> 7191

<211> 36

<212> PRT

<213> Homo sapiens

6388

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 Gly Glu Leu Leu Leu Gln Glu Thr Ala Asp Phe Gly Xaa Lys Leu Leu
 1 5 10 15
 Leu Xaa Xaa Ser Pro Gly Gly Thr Val Pro Thr Val Ser Trp Arg Asn
 20 25 30
 Asn Xaa Leu Xaa
 35

<210> 7192
 <211> 33
 <212> PRT
 <213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7192

Tyr	Ala	Leu	Ser	Lys	Leu	Thr	Xaa	Thr	Lys	Xaa	Asn	Lys	Ser	Trp	Xaa
1				5				10						15	

Ser	Thr	Gly	Gly	Gly	Gly	Gly	Xaa	Lys	Xaa	Xaa	Gly	Ser	Pro	Gly	Xaa
			20					25					30		

Lys

<210> 7193

<211> 55

<212> PRT

<213> Homo sapiens

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<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7193

Leu Val Pro Asn Ser Ala Arg Val Ser Pro Gly Ile Gln Ala Phe Arg

6390

1 5 10 15
Ala Thr Gly Pro Leu Asn Tyr Trp Pro Glu Leu Pro Thr Leu Pro Val
 20 25 30
Gln Arg Leu Trp Cys Tyr Gly Gly Pro Leu His Ser Lys Ser Ser Xaa
 35 40 45
Ile Ser Lys His Leu Leu His
 50 55

<210> 7194

<211> 92

<212> PRT

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<400> 7194

Ala	Asn	Leu	Thr	Leu	Xaa	Phe	Met	Leu	Ala	Ser	Xaa	Leu	Xaa	Asp	Gln
1				5				10				15			

Lys	Glu	Lys	Xaa	Lys	Leu	Ser	Pro	Glu	Phe	Xaa	Asn	Tyr	Gly	Glu	Lys
				20				25					30		

Leu	Ile	Leu	Ile	Val	Thr	His	Xaa	Ala	Thr	Leu	Ser	Leu	Phe	Cys	Phe
				35			40					45			

6392

Val Phe Pro Ser Asn Xaa Xaa Lys Cys Xaa Glu Pro Arg Leu Leu Xaa
 50 55 60

Xaa Xaa Ala Xaa Xaa Phe His Leu Pro Trp Leu Leu Ile Pro Pro Lys
 65 70 75 80

Leu Gln Asn Pro Ile Leu Gly Xaa Asn Leu Ser Ala
 85 90

<210> 7195

<211> 46

<212> PRT

<213> Homo sapiens

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<400> 7195

Leu Tyr Xaa Leu Leu Ser Pro Asn Gln Val Tyr Met Trp Phe Asp Lys
 1 5 10 15

Tyr Tyr Ser Ile Leu Met Gly Ile Leu Met Gln Arg Ile Xaa Xaa Gly
 20 25 30

Ile Val Leu Glu Ile Tyr Lys Ile Lys Thr Val Cys Leu Ile
 35 40 45

<210> 7196

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6393

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<400> 7196

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5				10					15		

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Lys	Thr
			20					25					30		

Gln	Ile	Xaa	Val	Xaa
			35	

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 Glu Xaa Glu Ile Phe Glu Lys Ile Met Leu Lys Phe Ser Gln Phe Xaa
 1 5 10 15

 Xaa Lys Asn Leu Ile Phe Xaa Pro Lys Xaa Leu Asn Glu Leu Asp Lys
 20 25 30

 Xaa Xaa Lys Ile Xaa Pro Lys Thr Xaa Ser Xaa Phe Phe Leu Xaa Ser
 35 40 45

 Pro Lys Xaa Lys Ile Phe Leu Glu Tyr Xaa Gly Glu Lys Thr Pro Pro
 50 55 60

6396

Phe Leu Trp Xaa Pro Xaa Lys Xaa Xaa Val Xaa Phe Leu Thr Thr Gly
 65 70 75 80

Gly Gly Xaa Val Phe Xaa Thr Xaa Pro Xaa Lys Lys Lys Asn Xaa Pro
 85 90 95

Pro Phe Phe

<210> 7198

<211> 76

<212> PRT

<213> Homo sapiens

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<400> 7198

Phe Ser Ser Leu Lys Leu Ser Leu Glu Tyr Leu Ser Leu Leu Leu Val
 1 5 10 15

Leu Trp Leu Leu Met Ile Leu Ala Phe Ser His Phe Asp Phe Val Leu
 20 25 30

Lys Lys Asn Phe Glu Pro Asn Asn Ile Pro Val Tyr Phe Xaa Pro Ile
 35 40 45

6397

Thr Phe His Glu Ser Arg Ala His Ser Xaa Xaa Pro Xaa Ile Pro Lys
 50 55 60

Thr Xaa Val Pro Thr Ile Met Gly Gly Gly Val Ser
 65 70 75

<210> 7199

<211> 39

<212> PRT

<213> Homo sapiens

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7199

Cys Lys Asp Asn Gly Lys Pro Leu Ala Gly Phe Met Glu Asp Gly Val
 1 5 10 15

Leu Asn Arg Cys Phe Trp Lys Cys Lys Val Asp Asn Gly Leu Lys Leu
 20 25 30

Xaa Thr Thr Leu Xaa Ala Trp
 35

<210> 7200

<211> 38

<212> PRT

<213> Homo sapiens

<400> 7200

Ala Arg Arg Lys Gly Cys Thr Glu Phe Glu Asp Thr Ala Ala Val Ser
 1 5 10 15

Trp Arg Glu Glu Ala Lys Gly Ala Arg Arg Leu Gln Ala Lys Gly Gly
 20 25 30

Gly Ala Trp Asp Leu Asn
 35

6398

<210> 7201
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 <212> PRT
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<220>
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<400> 7201
 Xaa Pro Xaa Val Xaa Asp Lys Leu Phe Pro Lys Asn Gln Asn Met Ser
 1 5 10 15
 Trp Ser Trp Thr Phe Lys Pro Val Leu Xaa Val Ile Pro Asn Tyr Gly
 20 25 30
 Lys Ser Val Arg Glu Gln Xaa Ile Leu Pro Lys Asn Glu Xaa Pro Cys
 35 40 45
 Arg Lys Pro Glu
 50

6399

<210> 7202
<211> 66
<212> PRT
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6400

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<400> 7202

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 1 5 10 15

Asn Pro Thr Xaa Thr Ser Xaa Xaa Xaa Xaa Xaa Trp Xaa Phe Xaa Ile
 20 25 30

Phe Leu Pro Pro Ile Ser Tyr Pro Lys Gln Asn Lys Xaa Pro Phe Ser
 35 40 45

Ile Ile Ser Xaa Asn Ile Gln Tyr Cys Pro Cys Gly Ile Phe Leu Asn
 50 55 60

Ser Leu
 65

<210> 7203
 <211> 122
 <212> PRT
 <213> Homo sapiens

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6401

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7203

6403

Ser Cys Arg Ser Cys Arg Xaa Arg His Lys Arg His Glu Glu Gln Val
 1 5 10 15
 Xaa Asn Leu Ser Xaa Xaa Xaa Asn Thr Xaa Pro Val Cys Xaa Ser Thr
 20 25 30
 Cys Lys Leu Xaa Arg Cys Leu Leu Xaa Tyr Arg Phe Ile Ser Gln Thr
 35 40 45
 Thr Val His Xaa Cys Leu Pro Arg Glu Leu Gln Asp Xaa Ile Thr Phe
 50 55 60
 Asp Xaa Ser Xaa Xaa Ile Xaa Cys Xaa Lys Val Xaa Asn Phe Asn Phe
 65 70 75 80
 Leu Xaa Asn Ile Gln Leu Phe Asn Xaa Ser Xaa Ile Thr Ser Tyr Phe
 85 90 95
 Asn Leu Asn Leu Asn Tyr Arg Lys Val Ser Xaa Leu Ser Phe Glu Xaa
 100 105 110
 Leu Leu Pro Arg Phe Asn Phe Ser Ser Leu
 115 120

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<211> 40

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7204

Leu Leu Lys Arg Thr Lys Ser Trp Gly Pro Pro Ala Val Lys Xaa Arg
 1 5 10 15
 Phe Leu Thr Ser Gly Ser Pro Gly Leu Gln Glu Phe Gly Gly Thr Pro
 20 25 30
 Leu Pro Glu Lys Thr Val Xaa Val
 35 40

6404

<210> 7205
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<400> 7205
Gln Thr Met Phe Thr Thr Cys Arg Pro Ser Ile Arg Ile Phe Leu Gly
1 5 10 15

6405

Ser Leu Met Ile Tyr Leu His Ala Ile Cys Pro Gln Gln Ile Val Ser
 20 25 30

Gln Glu Trp Asn Xaa Gln Gly His Trp Xaa Cys Xaa Lys Val Xaa Lys
 35 40 45

Arg Ala Xaa His Pro Leu Lys Phe Arg Phe Val Asn Ile Xaa Leu Thr
 50 55 60

Asn Ser Asn Xaa Ala Met Xaa Phe Pro
 65 70

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<211> 32

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7206

Leu Leu Lys Gly Lys Xaa Trp Ala Pro Arg Gly Xaa Gly Arg Phe Leu
 1 5 10 15

Thr Ser Gly Ser Pro Gly Xaa Gln Gly Ile Arg Gly Xaa Pro Pro Cys
 20 25 30

6406

<210> 7207

<211> 74

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7207

Tyr	Pro	Asp	Ile	Pro	Ala	Leu	Xaa	Gln	Arg	Xaa	Gly	Leu	Lys	Lys	Lys
1				5				10					15		

Ser	Thr	Cys	Ser	Phe	Arg	Pro	Gln	Ala	Gln	Gln	Xaa	Gly	Glu	Ile	Asn
			20				25						30		

6407

Cys Phe Trp Lys His Leu Gly Gly Val Trp Gly Trp Ala Xaa Lys Lys
 35 40 45

Gln Val Xaa Phe Asn Xaa Leu Leu Trp Lys Phe Cys Phe Ile Ile Ile
 50 55 60

Pro Phe Pro Leu Cys Tyr Thr Xaa Pro Xaa
 65 70

<210> 7208

<211> 61

<212> PRT

<213> Homo sapiens

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<222> (58)

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<400> 7208

Lys Arg Asn Trp Cys Val Asn Gln His Lys Ile Leu Glu Cys Ile Ser
 1 5 10 15

Ile Ser Ile Phe Ser Pro Thr Asn Pro Val Thr Val Val Asn Asn Gln
 20 25 30

Cys Val Asn Asn Glu Tyr Leu Phe Phe Thr Leu Phe Gln Gly Lys Thr
 35 40 45

Asn Ile Tyr Gly Thr Leu Pro Phe Glu Xaa Thr Leu Glu
 50 55 60

<210> 7209

<211> 17

<212> PRT

<213> Homo sapiens

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<222> (5)

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<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

6408

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7209

Ala Ala Arg Thr Xaa Pro Glu Ser Val Ser Cys Xaa Pro Glu Ile Thr
1 5 10 15

Xaa

<210> 7210

<211> 56

<212> PRT

<213> Homo sapiens

<400> 7210

Ala Arg Ala Glu Phe Gly Thr Ser Pro Asn Glu Leu Leu Asp Pro Asp
1 5 10 15

Cys Val His Arg Trp Leu Lys Gln Ser Asp Leu His Leu Gly Asp Glu
20 25 30

Ile Ile Gln Val His Arg Asp Pro Ala Ala Leu Asp Gly Ser Gly Cys
35 40 45

Ala Thr Leu Thr Val Val Met Arg
50 55

<210> 7211

<211> 36

<212> PRT

<213> Homo sapiens

<220>

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6409

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<400> 7211
 Leu Lys Val Trp Lys Ala Glu Phe Met Lys Lys Asn Xaa Lys Lys Ala
 1 5 10 15
 Xaa Ser Asn His Asp Leu Pro Ile Lys Xaa Xaa Trp Phe Gly Gly Lys
 20 25 30
 Gly Xaa Val Gly
 35

<210> 7212
 <211> 33
 <212> PRT
 <213> Homo sapiens

<220>
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6410

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<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7212

Xaa	Leu	Leu	Lys	Gly	Gln	Lys	Leu	Xaa	Pro	His	Arg	Gly	Lys	Arg	Pro
1				5				10					15		

Leu	Leu	Xaa	Leu	Val	Asp	Pro	Pro	Gly	Cys	Arg	Lys	Phe	Gly	Asp	Xaa
			20					25					30		

Xaa

<210> 7213

<211> 86

<212> PRT

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<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7213

Ile	Cys	Pro	Gln	Asn	Pro	Leu	Asn	Pro	Leu	Val	Asn	Leu	Thr	Val	Ser
1				5				10				15			

6411

Pro Lys Xaa Asn Ser Ser Leu Asp Thr Arg Lys Lys Pro Cys Arg Xaa
 20 25 30
 Ser Lys Lys Phe Asn Thr His Gly Arg Pro Lys Ser Ser His Xaa Leu
 35 40 45
 Arg Lys Arg Ser Ser Ser Thr Pro Thr Thr Xaa Xaa Ile Pro Asn Ile
 50 55 60
 Leu Leu Asn Ser Ser His Pro Ile Gly Thr Asn Leu Ser Pro Tyr Arg
 65 70 75 80
 Lys Asn Leu Cys Leu Leu
 85

<210> 7214

<211> 33

<212> PRT

<213> Homo sapiens

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<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7214

Gly Ala Leu Ile Xaa Arg Leu Ser Ala Ser Leu Gln Trp Gly Xaa Ser
 1 5 10 15

Pro Ile Pro Asn Phe Phe Phe Xaa Xaa Gly Ala Gln Pro Asn Ser Pro
 20 25 30

Leu

6412

<210> 7215
<211> 85
<212> PRT
<213> Homo sapiens

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<400> 7215
Gln Gln His Leu Asn Thr Thr Thr Phe Gln Lys Ser Ser Lys Phe His
1 5 10 15
Leu Thr Cys Lys Ala Cys Gly Asn Pro Thr Ser Pro Glu Pro Asp Leu
20 25 30
Val Val Asn Tyr Leu Glu Pro Pro Asn Lys Ser Thr Trp Lys Gln Asp
35 40 45
Thr Thr Tyr Gly Thr Ile Cys Arg Pro Tyr Gln Pro Pro Asp Thr Ile
50 55 60
Ile Ser His Phe Asn Cys Leu Pro Leu Lys Xaa Gly Phe Thr Lys Asn
65 70 75 80
Lys Met Val Leu Pro
85

<210> 7216
<211> 67
<212> PRT
<213> Homo sapiens

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6413

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 <400> 7216
 Phe Ser Pro Ser Xaa Cys Leu Gln Xaa Cys Xaa Val Xaa Asn Leu Thr
 1 5 10 15

 Phe Asp Xaa Lys Thr Tyr Leu Ile Asn Asp Ser Thr Asn Phe Gly Lys
 20 25 30

 Lys Lys Pro Phe Xaa Lys Leu Xaa Lys Ile Pro Ile Leu Leu Asn Xaa
 35 40 45

 Pro Pro Ser Gly Thr Arg Glu Val Gln Asn Ser Phe Xaa Phe Gly Leu
 50 55 60

 Tyr Tyr Phe
 65

6414

<210> 7217
<211> 61
<212> PRT
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<220>
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<400> 7217
Asp Thr Ala Glu Ile Ser Lys Phe Cys Leu Lys Ser Asp Lys Val Xaa
1 5 10 15
Val Ala Leu Ala Leu Xaa Lys Val Gly Asp Ile Phe Asp Tyr Ile Ser
20 25 30
Leu Tyr Leu His Ser Xaa Gln Ala Ser Ser Met Asp Cys Lys Asn Leu
35 40 45
Arg Glu Gln His Thr Xaa Leu Gln Ser Glu Gln Met Asn
50 55 60

<210> 7218
<211> 48
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7218

6415

Lys	Asn	Tyr	Ser	Ser	Phe	Ser	Asn	Arg	Ser	Phe	Thr	Leu	Asn	Phe	Ile
1				5					10					15	
Phe	Gly	Leu	Tyr	Phe	Lys	Ile	Ser	Lys	Tyr	Met	Lys	Pro	Tyr	Leu	Gln
			20					25					30		
Xaa	Ile	Ser	Phe	Gly	Phe	Arg	Leu	Thr	Leu	Phe	Trp	Asn	Ser	Glu	Asn
		35					40					45			

<210> 7219

<211> 116

<212> PRT

<213> Homo sapiens

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<222> (19)

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6417

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<400> 7219

Xaa	Leu	Gln	Xaa	Thr	Lys	Lys	Phe	Pro	Xaa	Phe	Tyr	Phe	Leu	Lys	Thr
1				5					10					15	

Ile	Leu	Xaa	Ile	Ser	Phe	Gly	Xaa	Arg	Xaa	Tyr	Ser	Leu	Phe	Leu	Leu
			20					25					30		

Lys	Ser	Leu	Leu	Trp	Pro	Leu	Val	Ser	Leu	Xaa	Phe	Leu	Ser	Gly	Xaa
		35					40					45			

Xaa	Asn	Xaa	Xaa	Gly	Ala	Phe	Ser	Arg	Phe	Ala	His	Ser	Thr	Xaa	Leu
	50					55					60				

Val	Lys	His	Asp	Leu	Cys	Val	Asn	Gly	Ile	Val	Trp	Thr	Pro	Trp	Xaa
65					70					75					80

Gly	Met	Leu	Gly	Lys	Thr	Lys	Glu	Gly	Pro	Glu	Leu	Pro	Thr	Ala	Gln
				85					90					95	

Glu	Gly	Xaa	Xaa	Xaa	Ala	Pro	Xaa	Leu	Glu	Leu	Lys	Pro	Pro	Pro	Lys
			100					105					110		

Met	Xaa	Pro	Tyr
			115

<210> 7220

<211> 55

<212> PRT

<213> Homo sapiens

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<222> (33)

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<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7220

Val	Phe	Phe	Phe	Leu	Ile	Phe	Cys	Ser	Ser	Trp	Phe	Val	Leu	Lys	Cys
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6418

1					5					10					15
Leu	Thr	Ile	Trp	Asn	Val	Lys	Leu	Leu	His	Val	Leu	Gln	Ser	Lys	Ser
				20				25					30		
Xaa	Val	Lys	Ser	Gly	Xaa	Val	Lys	Asn	Ile	Ile	Pro	Val	Gly	His	Cys
		35					40					45			
Pro	His	Phe	Cys	Ala	Gly	Gly									
	50					55									

<210> 7221

<211> 118

<212> PRT

<213> Homo sapiens

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6420

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 Val Ile Ile Gly Asp Leu Met Xaa Ser Gln Leu Phe Leu Ser Phe Met
 20 25 30
 Asn Ser Gly Ser Lys Lys Xaa Pro Lys Cys Leu Ser Leu Xaa Xaa Ile
 35 40 45
 Pro Gly Phe Xaa Gln Xaa Leu Xaa Ser Phe Trp Xaa Leu Xaa Xaa Thr
 50 55 60
 Xaa Ile Pro Phe Xaa Lys Lys Leu Phe Thr Trp Phe Asp Xaa Asn Pro
 65 70 75 80
 Gly Ser Ser Ile Ile Tyr Cys Leu Asn Xaa Gly Pro His Thr Xaa Pro
 85 90 95
 Ser Phe Xaa Ser Xaa Pro Xaa Xaa Lys Asn Tyr Ile Leu Xaa Xaa Xaa

6421

100

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Asn Lys Ile Leu Lys Asn
115

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6423

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Pro Ala Leu Xaa Gly Leu Ala Leu Phe Ala Ile Leu Trp Val Gly Cys
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Gly Ile Tyr Pro Pro Ser Leu Xaa Pro Xaa Pro Ala Ser Ser Thr Cys
              20              25              30

Ser Gly Xaa Xaa Leu Asn Thr Xaa Arg Xaa Ile Arg Ala Ser Xaa Xaa
      35              40              45

Xaa Asn Met Xaa Xaa Phe Pro Xaa Leu Lys Ile Ile Xaa Cys Phe Ser
      50              55              60

Phe Lys Lys Met Val Asn Xaa Ala Pro Leu Ala Lys Ser Pro Xaa Xaa
      65              70              75              80

Thr Arg Val Ser Phe Ser His Pro Leu Pro Phe Trp Glu Phe Phe Asn
              85              90              95

Pro Pro Phe Gln Xaa Leu Pro Leu Phe Leu Pro Trp Pro Phe Phe Leu
      100              105              110

Gly Ile Leu Arg Arg Ile Lys Lys Ser
      115              120

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 Leu Val Lys Leu Xaa His Xaa Thr Ser Tyr Asn Asp Gly Ile Tyr Phe
 20 25 30
 Ser Arg Xaa Xaa Xaa Leu Tyr Pro Leu Gln Xaa Leu Tyr Xaa Asp Leu
 35 40 45
 His Leu Leu Leu Thr Xaa Trp Lys Thr Phe His Ile Val Leu Ile Thr
 50 55 60
 Asn Tyr Leu Ser Cys Leu Xaa Val Thr Leu Ile Tyr Ile Cys Arg Phe
 65 70 75 80
 Ser Pro

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Arg Lys Thr Leu Xaa Ser Asp Xaa Xaa Leu Pro Thr Asp Leu Gln Asn
 1 5 10 15

Gly Gln Tyr Leu Asp Xaa Leu Pro Phe Tyr Leu Leu Phe Leu Leu Gln
 20 25 30

Xaa Xaa Xaa Gln Gly Thr Ser Ile Met Ile Xaa Lys Ile Tyr Phe Ile
 35 40 45

Asn Met Phe Xaa Phe Thr Phe His Leu Phe His Xaa Pro Xaa Glu Tyr
 50 55 60

Arg Cys Leu Xaa Asn Leu Ser Leu Xaa Lys Leu Gln Phe Cys
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Tyr Thr Lys Val Leu Pro Asn Arg Tyr Phe Tyr Xaa Glu Lys Phe Ile
 1 5 10 15

Xaa Lys Phe Leu Ser Leu Lys Phe Gly Phe Phe Ile Asn Leu Lys Cys
 20 25 30

Xaa Leu Arg Ile Thr Ile Leu Asn His Trp Asp Xaa
 35 40

6428

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1				5				10						15	
Leu	Lys	Gly	His	Ile	Pro	Leu	Ile	Pro	Phe	Ile	Asn	Gln	Ile	Val	Leu
			20					25					30		
Cys	Asn	Lys	Val	Gly	Xaa	Trp	Pro	Xaa	Asn	Ser	Phe	Lys	Xaa	Trp	Asn
		35					40					45			
Leu	Glu	Ala	Gly	Lys	Phe	Gly	Leu	Phe	Xaa	Phe	Ser	Phe	Trp	Ala	Pro
	50					55					60				
Xaa	His	Ser	Leu	Xaa	Trp	Met	Asn	Pro	Phe	Leu	Leu	Phe	Leu	Gly	Gln
65					70					75				80	
Lys	Lys	Lys	Lys	Thr	Xaa	Gly	Gly	Pro	Val	Pro	Xaa	Pro	Leu	Phe	Phe
				85					90					95	

Phe

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Thr Pro Arg Xaa Tyr Xaa Phe Phe Xaa Lys Ile Xaa Lys Ile Leu Gly

6432

1	5	10	15
Pro Tyr Phe Leu Ile His Phe Ser Ala Pro Xaa Pro Ser Phe Xaa Pro	20	25	30
Leu Xaa Xaa Phe Trp Val Asn Ser Xaa Ser Pro Gly Xaa Gly Pro Phe	35	40	45
Xaa Phe Ser Xaa Phe Pro Pro Pro Phe Pro Xaa Xaa Xaa Leu Lys Xaa	50	55	60
Pro Gln Pro Pro Xaa Phe Pro Pro Asn Xaa Xaa Xaa Phe Phe Pro Asn	65	70	75
Leu Asn Ser Pro Pro Val Pro Trp Val Pro Asn Phe Xaa Pro Leu Lys	85	90	95
Thr Phe Pro Glu Xaa Xaa Phe Phe Ile Xaa Lys Pro Leu Lys	100	105	110

<210> 7228

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Ala Ser Ile Ile Phe Phe Gln Val Gln Val Leu Lys Leu Leu Leu Asn	1	5	10	15
Leu Ser Glu Asn Pro Ala Met Thr Glu Gly Leu Leu Arg Ala Gln Val	20	25	30	
Asn Ser Leu Tyr Ile Tyr Phe Val Asn Ile His Ile Tyr Thr Phe Glu	35	40	45	
Gln Thr Asp Arg Ser Gly Lys Ile Lys Pro Lys Met Leu Gln Gly Phe	50	55	60	
Ser Leu Xaa Ser Ser Ile Lys Gly Gly Phe Leu Asn Ser Phe Cys Met	65	70	75	80
Tyr Glu Phe Pro Lys Phe Phe Ala Met Ser Leu Phe Tyr Phe	85	90		

6433

<210> 7229

<211> 47

<212> PRT

<213> Homo sapiens

<400> 7229

Ala Ala Arg Glu Leu Met Lys Ser Pro Ser Asn Phe Gln Ser His Thr
1 5 10 15

Cys Ile Tyr Cys Gln Asn Leu Ser Met Thr Asn Thr Lys Leu Lys Ser
20 25 30

Cys Phe Gln Arg Lys Lys Ile Ile Ser Leu Asn Tyr Phe Val Gly
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<400> 7230

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
20 25 30

Xaa Xaa

<210> 7231

<211> 93

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Leu	Ala	Leu	Trp	His	Pro	Val	Leu	Xaa	Val	Glu	Leu	Pro	Gly	Thr	Xaa
1				5					10					15	

Ser	Val	Ser	Pro	Glu	Ala	Thr	Ser	Leu	Glu	Ala	Ala	Xaa	Arg	Xaa	Xaa
			20					25					30		

Xaa	Ser	Xaa	Thr	Thr	Ile	Phe	Ile	Val	Ser	Cys	Val	Ile	Ala	Tyr	Phe
		35					40					45			

Thr	Asn	Phe	Ala	Xaa	Ala	Leu	Asn	Leu	Leu	Asn	Leu	Leu	Trp	Pro	Pro
	50						55				60				

Pro	Pro	Xaa	Lys	Val	Lys	Xaa	Val	Asn	Ser	Asn	Ser	Xaa	Pro	Ala	Pro
65					70					75					80

Gly	Ser	Ala	Pro	Val	Ile	Pro	Thr	Gly	Trp	Thr	Lys	Gly
				85					90			

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Ala	Lys	Ser	Asp	Phe	Ser	Glu	Phe	Gly	Ala	Lys	Arg	Lys	Phe	Thr	Gln
1					5				10					15	

Ser	Phe	Met	Arg	Ser	Glu	Glu	Glu	Gly	Glu	Lys	Glu	Arg	Thr	Glu	Asn
			20					25					30		

Arg	Glu	Xaa	Gly	Arg	Phe	Ala	Ser	Gly	Arg	Arg	Ser	Gln	Tyr	Arg	Arg
		35						40				45			

Ser	Thr	Asp	Arg	Glu	Glu	Glu	Glu	Xaa	Met	Asp	Asp	Glu	Ala	Ile	Ile
	50					55					60				

Ala	Ala	Trp	Arg	Arg	Arg	Arg	Glu	Xaa	Thr	Arg	Thr	Xaa	Leu	Xaa	Lys
65						70				75					80

Xaa Xaa Glu Asp

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<400> 7233

Xaa	Lys	Leu	Val	Val	Val	Ser	Leu	Glu	Asn	Val	Xaa	Lys	Met	Xaa	Leu
1				5					10					15	
Cys	Val	Leu	Met	Pro	Trp	Pro	Asp	Ser	Leu	Leu	Xaa	Phe	Ile	Glu	Ile
			20					25					30		

<210> 7234

<211> 89

<212> PRT

<213> Homo sapiens

<400> 7234

Leu	Ala	Glu	Asn	Arg	Trp	Pro	Arg	Gly	Arg	Gln	Arg	Asn	Glu	Gly	Phe
1				5					10					15	
Leu	Ser	Ser	Cys	Thr	Glu	Gln	Ser	Ser	Pro	Gly	Thr	Asn	Leu	Glu	Tyr
			20					25					30		
Ser	Val	Gln	Thr	Thr	Glu	Glu	Asp	Lys	Ile	Asn	Phe	Tyr	Ala	Phe	Lys
		35					40				45				
Lys	Asn	Tyr	Gly	Gln	Asn	Asn	Ile	Arg	Thr	Lys	Thr	Phe	Met	Ile	Phe
	50					55					60				
Gln	Leu	Leu	Gly	Phe	Val	Tyr	Gly	Tyr	Gln	Gln	Pro	Cys	Pro	Ala	Ile
65					70					75					80
Val	Phe	Ile	Leu	Phe	Gln	Ala	Gly	Cys							
					85										

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<400> 7235

Phe	Xaa	Val	Xaa	Phe	Glu	Ser	Xaa	Ile	Thr	Trp	Leu	Lys	Xaa	Ile	Pro
1				5					10					15	

Thr	Xaa	Pro	Glu	Arg	Asn	Asn	Pro	Xaa	Gly	Thr	Leu	Thr	Pro	Pro	Leu
			20					25					30		

Trp	Lys	Arg	Gly	Xaa	Lys	Ile	Pro	Pro	Leu	Ser	Leu	Ala	Xaa	Asn	Phe
			35				40						45		

Phe	Pro	Leu	Xaa	Phe	Leu	Xaa	Phe	Xaa	His	Pro	Phe	Lys	Lys	Thr	Phe
		50					55					60			

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6440

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<400> 7236

Thr Ile Gly Ser Pro Gly Leu Tyr Xaa Ile Arg Xaa Xaa Leu Val Pro
1 5 10 15

Asn Ser Val Arg Xaa Ile Thr Ser Leu Glu Phe Leu Phe Phe Phe Pro
20 25 30

Asn Ile Val Ser Leu Xaa Asn Xaa Leu Phe Asn Xaa Leu Xaa Ala Asn
35 40 45

Leu

<210> 7237

<211> 30

<212> PRT

<213> Homo sapiens

<400> 7237

Gly Thr Pro Arg Asn Glu Gln Ala Gly Leu Pro Leu Tyr Arg Cys Trp
1 5 10 15

Leu Leu Lys Val Phe Asn Cys Lys Leu Gly Gly Phe Gly Asp
20 25 30

<210> 7238

<211> 60

<212> PRT

<213> Homo sapiens

6441

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<400> 7238
Val Leu Cys Pro Phe His Val Xaa Ile Cys Xaa Leu Thr Ile Leu Leu
1 5 10 15
Xaa Pro Leu Ile Pro Ala Gln His Val Phe Trp Ser Met Lys Ile Val
20 25 30
Leu Lys Thr Lys Ala Asn Ala Cys Ser Leu Pro Leu Ser Xaa Xaa Lys
35 40 45
Ser Tyr Pro Lys Xaa Asp Phe Glu Phe Arg Ser Trp
50 55 60

<210> 7239
<211> 40
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<213> Homo sapiens

<220>

6442

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<400> 7239

Ala	Ala	Arg	Ala	Arg	Ala	Glu	Phe	Gly	Thr	Arg	Gly	Gly	Pro	Val	Pro
1				5					10				15		

Asn	Ser	Pro	Tyr	Ser	Glu	Ser	Tyr	Tyr	Asn	Ser	Leu	Ala	Val	Val	Leu
			20					25					30		

Gln	Arg	Arg	Asp	Trp	Thr	Xaa	Lys
			35				40

<210> 7240

<211> 124

<212> PRT

<213> Homo sapiens

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<400> 7240

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1				5					10					15	

Asp	Ser	Gly	Ser	Val	Gln	Arg	Ala	Arg	Gly	Thr	Ala	Ser	Ser	Ala	Ala
			20					25					30		

Ala	Pro	Leu	Met	Pro	Ser	Pro	Ala	Leu	Leu	Pro	Leu	Pro	Gly	Leu	Asn
		35					40					45			

Gly	Val	Ser	Ile	Glu	Gly	Trp	Thr	Pro	Xaa	Xaa	Gly	Glu	Leu	Val	Pro
	50					55					60				

Cys	Gly	Tyr	Lys	Leu	Gly	Ala	Ser	Leu	Arg	Ala	Val	Pro	Gly	Xaa	Met
65					70					75					80

Gly	Ala	Pro	Leu	Pro	Pro	Ala	Thr	Pro	Pro	Thr	Xaa	Lys	Arg	Xaa	Asn
				85					90					95	

Xaa	Thr	Ser	Xaa	Ala	Asn	Pro	Ser	Pro	Pro	Gly	Phe	Ser	Arg	Gly	Ala
			100					105					110		

Pro	Gly	Gln	Lys	Glu	Leu	Xaa	Asn	Cys	Phe	Gly	Phe
		115					120				

<210> 7241

<211> 130

<212> PRT

<213> Homo sapiens

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<400> 7241
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 1 5 10 15
 Trp Ser Ser Xaa Ala Val Ala Val Ala Leu Glu Leu Leu Asp Pro Pro
 20 25 30

6446

Gly Cys Met Asn Ser Ala Xaa Ala Ala Ser Ser Pro Gly Xaa Gln Ser
 35 40 45
 Pro Xaa Ala Pro Ser Gly Tyr Ser Xaa Xaa Xaa Trp Xaa Ser Gly Xaa
 50 55 60
 Xaa Asp Ala Ala Arg Pro Pro Pro Thr Val Xaa Lys Ser Val Val Val
 65 70 75 80
 Xaa Gly Gly Ile Xaa Gly Val Thr Cys Ala Xaa Gln Ser Ala Thr Leu
 85 90 95
 Phe Pro Ser Glu Asp Ile Leu Leu Val Xaa Xaa Ser Pro Val Xaa Asn
 100 105 110
 Glu Phe Gln Ile Ser Ser Xaa Phe Leu Tyr Xaa Xaa Asn Asn Ser Met
 115 120 125
 Phe Xaa
 130

<210> 7242

<211> 56

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7242

Ile Ser Pro Phe Ser Glu Cys Leu Leu Lys Phe Met Pro Phe Phe Glu

6447

1	5	10	15
Tyr Gly Ser Trp Thr Pro Thr Leu Leu Leu Pro Thr Pro Pro Arg Asn	20	25	30
Phe Leu Ile Cys Xaa Val Phe Phe Xaa Val Phe Xaa Asn Ser Xaa Val	35	40	45
Ile Ile Leu His Asn Phe Gly Tyr	50	55	

<210> 7243

<211> 20

<212> PRT

<213> Homo sapiens

<220>

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7243

Val Glu Phe Phe Phe Phe Leu Lys Asn Xaa Leu Xaa Lys Ile Xaa	1	5	10	15
---	---	---	----	----

Pro Asn Thr Phe	20
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<210> 7244

<211> 61

<212> PRT

<213> Homo sapiens

<220>

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6448

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<400> 7244
 Asp Phe Xaa Ala Arg Ile Pro Leu Arg Asn Xaa Ala Ser Leu Xaa Gly
 1 5 10 15
 Lys Lys Xaa Glu Leu His Arg Gly Gly Gly Arg Ser Thr Thr Ser Gly
 20 25 30
 Ser Pro Gly Leu Gln Glu Phe Gly Thr Ser Gly Asn Leu Val Met Ala
 35 40 45
 Val Val Xaa Glu His Pro Ala Phe Ala Xaa Xaa Pro Pro
 50 55 60

<210> 7245
 <211> 58
 <212> PRT
 <213> Homo sapiens

6449

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<400> 7245

Pro Leu Tyr Leu Leu His Asn Glu Leu Thr Arg Asn Asn Phe Ala Arg
1 5 10 15

Arg Ala Lys Ala Lys Thr Pro Glu Thr Arg Arg Ala Thr Leu Glu Gln
20 25 30

Leu Lys Glu His Thr Arg Leu Cys Xaa Lys Ile Val Gly Lys Ile Tyr
35 40 45

Arg Leu Lys Arg Gln Thr Tyr Arg Ala Trp
50 55

<210> 7246

<211> 55

<212> PRT

<213> Homo sapiens

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<220>

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<222> (13)

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<220>

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<220>
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 <222> (46)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7246
 Phe Tyr Arg Xaa Ile Ser Asp Ser Met Ile Phe Ser Xaa Val Ile Val
 1 5 10 15
 Arg Xaa Met Cys Asn Val Xaa Ile Glu Thr Glu Xaa Tyr Lys Gly Gln
 20 25 30
 Val Thr Cys Gln Cys Asp Met Xaa Arg His Ile Tyr Xaa Xaa Thr Trp
 35 40 45
 Met Phe Leu Asn Leu Tyr Tyr
 50 55

<210> 7247
 <211> 31
 <212> PRT
 <213> Homo sapiens

<220>
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<220>
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6451

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7247

Phe	Phe	Phe	Phe	Leu	Xaa	Xaa	Phe	Pro	Leu	Lys	Lys	Phe	Phe	Pro	Phe
1				5					10					15	

Pro	Pro	Xaa	Pro	Pro	Xaa	Phe	Pro	Phe	Leu	Asn	Ile	Ser	Lys	Pro
			20					25					30	

<210> 7248

<211> 37

<212> PRT

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<220>

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<400> 7248

Thr	Val	Ile	Leu	Lys	Lys	Met	Ser	Ile	Gly	Ile	Tyr	Phe	Arg	Glu	Asn
1				5					10					15	

Ile	Ser	Ile	Val	Xaa	Xaa	Leu	Pro	Pro	Pro	Xaa	Gly	Xaa	Glu	Gly	His
			20					25					30		

Xaa	Leu	Trp	Val	Leu
				35

6452

<210> 7249
<211> 62
<212> PRT
<213> Homo sapiens

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<400> 7249
Pro Leu Asn Thr Pro Gln Ser Gln Xaa Xaa Leu Leu Xaa Gln Cys Ile
1 5 10 15

6453

Lys Phe Ile Tyr Phe Xaa Xaa Pro His Thr Ile Leu Gly Pro Leu Lys
 20 25 30

Pro Met Val Lys Leu Ala Ala Leu Glu Leu Thr Xaa Asp Gln Ile Leu
 35 40 45

Thr Leu Leu Leu Ser Asn Ile Xaa Asn Trp Xaa Ile Ser Phe
 50 55 60

<210> 7250

<211> 53

<212> PRT

<213> Homo sapiens

<400> 7250

Asn Ser Asn Leu Thr Gly His Lys Tyr Thr Phe Gly Tyr Val Tyr Leu
 1 5 10 15

Leu Leu Thr Lys Val Lys Arg Asn Val Leu Met His Ser Leu Asn Leu
 20 25 30

Lys Tyr Thr Tyr Ile Lys Phe Leu Lys Asp Ala Asn Leu Asn Pro Ile
 35 40 45

Leu Asn Glu Lys Val
 50

<210> 7251

<211> 45

<212> PRT

<213> Homo sapiens

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6454

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<400> 7251

Xaa	Glu	Lys	Asn	Pro	Ser	Leu	Lys	Lys	Pro	Pro	Pro	Lys	Lys	Lys	Lys
1				5					10					15	

Asn	Cys	Ser	Leu	Ser	Pro	Leu	Leu	Xaa	Gln	Lys	Phe	Xaa	Gly	Xaa	Xaa
			20					25					30		

Phe	His	Leu	Cys	Pro	Pro	Asn	Phe	Ser	Xaa	Phe	Leu	Val
		35					40					45

<210> 7252

<211> 79

<212> PRT

<213> Homo sapiens

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 Phe Xaa Val Xaa Asn Xaa Phe Tyr Xaa Xaa Xaa Xaa Xaa Leu Xaa Xaa
 1 5 10 15
 Xaa Xaa Leu Xaa Xaa Pro Met Xaa Lys Pro Pro His Cys Thr Glu Leu
 20 25 30
 Xaa Pro Xaa Gly Thr Xaa Ile Ile Ile Xaa Arg Val Xaa Xaa Phe Tyr
 35 40 45
 Gln Xaa Asn Leu Gln Ile Asn Ser Leu Gly Leu Xaa Pro Xaa Pro Xaa
 50 55 60
 Pro Xaa Xaa Ile Lys Xaa Lys Lys Lys Ser Xaa Leu Leu Glu Thr
 65 70 75

<210> 7253
 <211> 72
 <212> PRT
 <213> Homo sapiens

<220>
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6458

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<222> (34)

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<222> (69)

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6459

<400> 7253

Leu Asp Gln Lys Lys Ser Xaa Leu Phe Asp Leu Xaa Arg Xaa Asn Leu
 1 5 10 15

Pro Xaa Leu Tyr Thr His Val Cys Val Ser Leu Lys Arg Xaa Val Arg
 20 25 30

Leu Xaa Lys Ile Leu Ile Val Ile Asn His Val Xaa Thr Ser Cys Asn
 35 40 45

Glu Leu His Asp Leu Ile Leu Ser Leu Leu Ala Xaa Thr Thr Xaa Tyr
 50 55 60

Phe Ser Asn Xaa Xaa Ile Ser Pro
 65 70

<210> 7254

<211> 71

<212> PRT

<213> Homo sapiens

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<222> (12)

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<400> 7254

Glu	Pro	His	Glu	Xaa	Xaa	Pro	Pro	Lys	Lys	Leu	Xaa	Asn	Asn	Ser	Phe
1				5				10						15	

Phe	Xaa	Lys	Lys	Gly	Glu	Ser	Trp	Leu	Val	Ala	Gln	Asn	Tyr	Phe	Lys
			20					25						30	

Asn	Ser	Ala	Pro	Xaa	Gly	Lys	Thr	Leu	Leu	Trp	Tyr	Phe	Ser	Xaa	Lys
		35					40					45			

Thr	Xaa	Tyr	His	His	Xaa	Leu	Xaa	Trp	Phe	Ser	Gln	Phe	His	Ser	Gln
	50					55					60				

Gly	Glu	Pro	Xaa	Pro	Ser	Cys
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<211> 45

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6461

<400> 7255

Leu Thr Tyr Leu Leu Trp Phe Pro Ile Asn Asn Cys Ser Leu Leu Ile
1 5 10 15

Ile Val His Val Phe Tyr Val Ala Ser Asn Lys Leu Arg Gln Ser Tyr
20 25 30

Thr Ser Ala Phe Gln Xaa Gly Ser Leu Phe Leu His Thr
35 40 45

<210> 7256

<211> 116

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 Xaa Leu Xaa Pro Ser Lys Asp Xaa Thr Leu Asn Leu Xaa Lys Lys Lys
 20 25 30
 Phe Gly Xaa Xaa Leu Ile Thr Ile Ile Xaa His Phe Thr Phe Xaa
 35 40 45
 Pro Gly Ser Leu Leu Xaa Phe Xaa Leu His Tyr Leu Pro Xaa Xaa Leu

6464

50 55 60
 Tyr His Pro Leu Lys Lys Phe Leu Xaa Xaa Tyr Ile Phe Ile Leu Pro
 65 70 75 80
 Phe Tyr Thr Lys Arg Xaa Asn Ser Gly Xaa Leu Val Gly Xaa Asn Pro
 85 90 95
 Leu Phe Ile Pro Pro Xaa Pro Phe Trp Glu Xaa Phe Lys Gly Xaa Lys
 100 105 110
 Gly Phe Phe Leu
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<211> 50

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<213> Homo sapiens

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<400> 7257

Ile Met Gly Leu Ser Leu Pro Tyr Ile Phe Leu Leu Lys Ser Ile Leu
 1 5 10 15
 Xaa Gln Cys Arg Leu Ile Ile Tyr Asn Leu Ile Tyr Met Asn Ser Leu
 20 25 30
 Xaa His Pro Ser Phe Ile Leu Thr Ile Ile Val Tyr Met Xaa Xaa Ile
 35 40 45

6465

Pro Asn
50

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<400> 7258
Gly Lys Lys Glu Val Ala Pro Xaa Ser Glu Xaa Phe Ser Ile Thr Gly
1 5 10 15

Ala Ile Arg Gly Ala Gly Xaa Thr Ser
20 25

<210> 7259
<211> 78
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<400> 7259

Trp	Ser	Met	Xaa	Tyr	Leu	Gln	Trp	Asn	Ile	Gly	Leu	Gly	Ile	Phe	Pro
1				5				10					15		

Glu	His	Tyr	Gln	Val	Ser	Gly	Trp	Trp	Glu	Gly	Trp	Xaa	Lys	Pro	Ile
			20				25					30			

Pro	Leu	Xaa	Leu	Xaa	Lys	Xaa	Leu	Val	Xaa	Ala	Gly	Leu	Trp	Leu	Xaa
		35					40					45			

Leu	Glu	Ser	Gly	Leu	Asn	Pro	Pro	Tyr	Xaa	Gly	Gly	Xaa	Trp	Xaa	Gly
	50					55					60				

Lys Asn Gln Glu Asn Phe Val Pro Phe Pro Pro Trp Gly Ser
65 70 75

Gln Asn Pro Ser Cys Xaa Ser Xaa His Leu Leu Xaa His Phe Asp His
1 5 10 15

Leu Ala Ser Xaa Ala Arg His Thr Arg Xaa Arg Leu Arg Leu Ser Gln
20 25 30

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6468

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<400> 7261

Xaa	Arg	His	Ala	Leu	Val	Gly	Ala	Ile	Cys	Asp	Pro	Lys	Asn	Ser	Thr
1				5				10					15		

Phe	Thr	Ser	Val	Trp	Leu	Ile	Leu	Asn	His	Ser	Ser	Leu	Cys	Thr	Tyr
			20				25					30			

Ile	His	Thr	His	Thr	His	Ser	Gly	Leu	Thr	Gln	Lys	Lys	Lys	Xaa	Ile
		35					40					45			

Gln	Thr	Leu	Gln	Asn	Tyr	Pro	Ser	Phe	Leu	Tyr	Xaa	Leu	Cys	Arg	Phe
	50					55					60				

Met	Xaa	Thr	Thr	Cys	Asn	Cys	His	Asn	Pro	Xaa	Gly
65					70					75	

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<211> 33

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 <400> 7262
 Xaa Ser Asn Pro Pro Pro Pro Leu Gly Lys Xaa Ala Gly Ala Arg Arg
 1 5 10 15
 Gly Trp Thr Xaa Leu Xaa Leu Thr Gly Xaa Ser Xaa Gly Leu Ala Arg
 20 25 30

 Leu

<210> 7263
 <211> 72
 <212> PRT
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<400> 7263

Tyr	Xaa	Asn	Met	Gly	Thr	Arg	Thr	Xaa	Gly	Lys	Gln	Ile	Xaa	Thr	Glu
1				5					10					15	

Xaa	Ser	Xaa	Pro	Xaa	Ser	Xaa	Phe	Leu	Ser	Xaa	Ser	Leu	Ile	Xaa	Xaa
			20					25					30		

Phe	Ile	Ile	Xaa	Xaa	Ile	Pro	Xaa	Val	Leu	Ser	Met	Leu	Ile	Xaa	Xaa
			35				40						45		

Ser	Trp	Ser	Leu	Thr	Pro	Pro	Xaa	Ile	Lys	Ser	Phe	Gly	Ile	Ile	Tyr
	50					55					60				

Asn	Leu	Leu	Pro	Xaa	Phe	Tyr	Ser
65					70		

<210> 7264

<211> 52

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<400> 7264
 Leu Glu Ala Asp Gly Ala Val Xaa Asn Ser Cys Arg Ala Leu Lys Gly
 1 5 10 15
 Glu Xaa Ala Asp Leu Gln Xaa Glu Gly Lys Xaa Leu Xaa Leu Xaa Gly
 20 25 30
 Pro Cys Xaa Phe Leu Pro Pro Phe Pro Gln Pro Tyr Ser Cys Pro Pro
 35 40 45
 Leu Lys Phe His
 50

<210> 7265

6473

<211> 64
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<400> 7265
 Pro Gly Leu Lys Ile Thr Ile Asn Lys Xaa Thr Ala Xaa Lys Leu Arg
 1 5 10 15
 Leu Cys Xaa Ile Thr Ser Xaa Xaa Xaa Leu Pro Leu Asp His Thr Xaa
 20 25 30
 Xaa Xaa Trp Ile Ala Lys Xaa Asp Cys Pro Leu Tyr Asn Gly Gly Xaa
 35 40 45
 Ile Xaa Leu Xaa Xaa Leu Asn Asp Gln Glu Gln Phe Cys Gln Asn Val
 50 55 60

<210> 7266
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<400> 7266
 Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
 1 5 10 15
 Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Ala Val Leu Gly Lys
 20 25 30
 Thr Gln Xaa Pro Xaa Xaa
 35

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<400> 7267
 Pro Ser Thr Lys Pro Ser Cys Phe Gly Ala Asn Trp His Leu Xaa Pro
 1 5 10 15
 Phe Gly Gly Ser Asp Lys Gln Ile Lys Leu Gln Leu Ala Val Gln Asp
 20 25 30
 Ser Ala Arg Cys Leu His Leu Leu Val Glu Ser Lys Pro Cys Ala
 35 40 45
 Pro Phe Gln Ser Lys Ile Lys Gly Thr Gly Ile Phe Leu Glu Lys Lys
 50 55 60
 Xaa Ile

6476

65

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Phe Leu Asn Leu Thr Leu Arg Xaa Lys Met Glu Leu Xaa Ala Val Xaa

6477

1	5	10	15												
Asp	Ala	Leu	Gln	Leu	Val	Asp	Pro	Pro	Gly	Cys	Arg	Xaa	Xaa	Gly	Thr
		20						25					30		
Arg	Leu	Phe	Cys	Ala	Pro	Val	Leu	His	His	Xaa	Ser	Met	Ser	Gln	Val
		35					40					45			
Ile	Met	Phe	Phe	Cys	Thr	Arg	Xaa	Leu	Gly	Met	Gln	Arg	Xaa	Leu	Glu
	50					55					60				
Leu	Thr														
65															

<210> 7269

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<400> 7269

Gly	Thr	Arg	Gly	Gly	Pro	Val	Pro	Asn	Ser	Pro	Tyr	Ser	Glu	Ser	Tyr
1					5				10				15		

Tyr	Asn	Ser	Leu	Ala	Val	Val	Leu	Gln	Arg	Leu	Asp	Trp	Glu	Asn	Ser
			20					25					30		

Cys	Leu	Xaa	Asp	Pro	Xaa	Asn	His	His	Met	Xaa	Ile	Pro	Ile	Xaa	Thr
		35					40					45			

6478

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<400> 7270
Tyr Xaa Xaa Xaa Thr Leu Cys Gly Leu Cys Leu Gln Ser Ser Arg Lys
1 5 10 15
Xaa Lys Val Arg
20

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 Leu Val Val Lys Tyr Ser Asp Ile Arg His Ser Pro Arg His Val Leu
 1 5 10 15
 His Thr Cys Thr His Thr Met Ser His Arg Gly His Thr Val Phe Arg
 20 25 30
 Ile Val Thr Ile Xaa Arg Xaa Ser Leu Leu Trp Tyr Met Leu Lys Tyr
 35 40 45
 Leu Leu Phe Trp Ala Lys Ala Pro Arg Gln Xaa Leu Leu Ile Met Val
 50 55 60

6480

Ala Gly Lys Arg Gly Xaa Glu Lys Arg Pro Gly Gln Val Lys Thr Xaa
 65 70 75 80

Phe Xaa Gln Xaa Leu Asn Ser Cys Leu Gln Xaa Trp Ala Glu Lys Gly
 85 90 95

Arg Lys Xaa Ser Phe
 100

<210> 7272

<211> 26

<212> PRT

<213> Homo sapiens

<400> 7272

Asn Lys Leu Ile Val Asn Ile Leu Pro Lys Arg Ile Ser Ile Arg Tyr
 1 5 10 15

Ile Asn Leu Leu Met Asp Ser Gln Thr Met
 20 25

<210> 7273

<211> 37

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7273

Ala Ala Arg Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile
 1 5 10 15

Val Ser Arg Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr
 20 25 30

6481

Gly Xaa Pro Xaa Xaa
35

<210> 7274

<211> 61

<212> PRT

<213> Homo sapiens

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<222> (37)

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<222> (40)

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (61)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7274

Leu	Thr	Cys	Ser	Glu	Thr	Gly	Ala	Ala	Ser	Leu	Leu	Arg	Ala	Gly	Pro
1				5					10					15	

Gly	Ser	Ser	Ser	Phe	Arg	Thr	Glu	Arg	Leu	Phe	Gln	Phe	Gly	Ser	Leu
				20				25					30		

Glu	Lys	Glu	Lys	Xaa	His	Phe	Xaa	Lys	Phe	Pro	Asn	Glu	Thr	Lys	Lys
				35				40					45		

Pro	Pro	Pro	Phe	Ser	Xaa	Pro	Cys	Ser	Thr	Ala	His	Xaa
				50			55				60	

<210> 7275

<211> 38

<212> PRT

<213> Homo sapiens

6482

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<400> 7275
 Ala His Gly Ile Lys Gln Thr Ser Xaa Tyr Ile Pro Xaa Tyr Pro Arg
 1 5 10 15

Ile Phe Leu Lys Leu Met Cys Leu Ser His Ala Phe Asn His Phe Xaa
 20 25 30

His Leu Lys Thr Xaa Xaa
 35

<210> 7276
 <211> 43
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

6483

<400> 7276

Ala Ala Arg Ala Ala Arg Ala Ala Arg Gly Gly Ala Arg
1 5 10 15

Tyr Pro Ile Arg Pro Ile Val Ser Arg Ile Thr Ile His Trp Pro Ser
20 25 30

Phe Tyr Asn Val Val Thr Gly Xaa Pro Lys Xaa
35 40

<210> 7277

<211> 60

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7277

Xaa Phe Leu Ile Leu Leu Leu Ala Pro Ser Val Xaa Ile Asn Tyr
1 5 10 15

6484

Ile Phe Leu His Gln Ile Phe Tyr Thr Ile Arg Phe Phe Asp Xaa Lys
 20 25 30

Ile Ile Phe Ser Phe Thr Leu Leu Ile Ser Glu Gly His Lys Ile Lys
 35 40 45

Tyr Phe Leu Val His Asp Xaa Xaa Ser Leu Leu Xaa
 50 55 60

<210> 7278

<211> 67

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (66)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7278

Leu Asn Asn Ile Lys Ser His Val Lys Gly Pro Phe Ala Ser Val Pro
 1 5 10 15

Phe Thr Gln Tyr Ile Thr Phe Ser Phe Gln Gln Lys Lys Leu Xaa Gly
 20 25 30

Ile Leu Lys Gly Gln Lys Asn Ser Leu Lys Xaa Asp Ser Lys Gln Xaa
 35 40 45

6485

Asp Lys Thr Xaa Ile Trp Arg Lys Met Leu Lys Ser Ser Asp Trp Lys
50 55 60

Phe Xaa Thr
65

<210> 7279

<211> 33

<212> PRT

<213> Homo sapiens

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<400> 7279

Thr Cys Xaa Ser Lys Xaa Gly Pro Xaa Lys Asn Xaa Arg Leu Asn Leu

6486

1	5	10	15
Tyr Arg Gly Xaa Gly Arg Phe Lys Ile Xaa Gly Ser Pro Gly Xaa Lys			
	20	25	30

Glu

<210> 7280

<211> 24

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7280

Lys Gly Lys Leu Asn Ile Ala Lys Lys Lys Lys Gly Phe Lys Xaa Gly
1 5 10 15

Ala Xaa Gly Xaa Pro Phe Xaa Ser
20

<210> 7281

<211> 40

<212> PRT

<213> Homo sapiens

<400> 7281

His Val Ser Ser Phe Arg Lys Gln Leu Tyr Cys His Thr Ile Val Gly

6487

1 5 10 15
 Arg Lys Thr Phe Ile Trp Asn Ile His Tyr Cys Lys Phe Val Gln Ile
 20 25 30
 Ile Tyr Leu Pro Pro Val Phe Ala
 35 40

<210> 7282

<211> 36

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7282

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
 1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
 20 25 30

Gln Xaa Xaa Xaa
 35

<210> 7283

<211> 37

<212> PRT

<213> Homo sapiens

<400> 7283

Thr Val Pro Pro Cys Leu Pro Ala Phe Ala Glu Leu Glu Leu Ser Leu
 1 5 10 15

6488

Ser Ala Cys Ser Thr Tyr Thr Leu Pro Val His Trp Leu Ser Asn Arg
20 25 30

Phe Lys Glu Arg Ser
35

<210> 7284

<211> 19

<212> PRT

<213> Homo sapiens

<220>

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<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7284

Ala Ser Phe Phe Phe Phe Phe Phe Leu Asn Leu Xaa Asp Xaa Phe Phe
1 5 10 15

Xaa Xaa Phe

<210> 7285

<211> 70

<212> PRT

<213> Homo sapiens

<220>

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<222> (17)

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6489

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<400> 7285
Trp Ile Ser Ser Leu Val Leu Asn Glu Gly Gln Val Trp Leu Ala Val
1 5 10 15
Xaa Arg His Ser Phe His Gly Gly Arg Leu Ala Ala Asn Arg Gln Ala
20 25 30
Gly Pro Lys His Ser Gly Leu Leu Lys Ala Gly Gly Val His Xaa Asp
35 40 45
Ser Cys Trp Arg Ala Val Glu Leu Phe Pro Gly Ile Arg Phe Gly Phe
50 55 60
Ser Gly Thr Ile Pro Xaa
65 70

<210> 7286
<211> 98
<212> PRT
<213> Homo sapiens

<220>
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<221> SITE

6490

<222> (58)
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 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7286.
 Val Ser Ile Lys Asn Gly Phe Leu Leu Ser Ala Pro Met Xaa Gly Ser
 1 5 10 15
 Val Cys Gly Val Thr Ser Gln Cys Arg Ser Phe Ser Trp Ser Pro Asp
 20 25 30
 Cys Ser Leu Ile Pro Asp Gln Gly Leu Val Xaa Phe Lys Asn Ser Ser
 35 40 45
 Met Ala Xaa Asn Ala Trp Leu Val Gln Xaa Glu Cys Phe Phe His Lys
 50 55 60
 Xaa Ser Ser Ser Pro Val Phe Thr His Xaa Xaa Ile Pro His Ser Phe
 65 70 75 80
 Pro Thr Lys Ser Thr Pro Xaa Gly Cys Cys Leu Pro Tyr Phe Pro Asn
 85 90 95

 Phe Pro

<210> 7287
 <211> 57
 <212> PRT
 <213> Homo sapiens

6491

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<220>
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 <222> (49)
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 <222> (50)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (57)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7287
 Leu Tyr Leu Leu Lys His Val His Leu His Ile Phe Thr Gly Leu Leu
 1 5 10 15
 Thr Val His Phe Xaa Ser Ser Arg Lys Trp His Gln Xaa Gly Ser Thr
 20 25 30
 Lys Asn Met Ile Thr Lys Asn Ile Ile Ile Ile Pro Phe Xaa Lys Thr
 35 40 45
 Xaa Xaa Pro Arg Leu Pro Asn Phe Xaa
 50 55

<210> 7288
 <211> 41
 <212> PRT
 <213> Homo sapiens

6492

<220>
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 <222> (35)
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<220>
 <221> SITE
 <222> (36)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (40)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7288
 Leu Val Ser Arg Gly Gly Pro Val Pro Asn Ser Pro Tyr Ser Glu Ser
 1 5 10 15
 Tyr Tyr Asn Ser Leu Ala Val Val Leu Gln Arg Arg Asp Trp Glu Asn
 20 25 30
 Pro Ser Xaa Xaa Phe Phe Ser Xaa Ala
 35 40

<210> 7289
 <211> 21
 <212> PRT
 <213> Homo sapiens

<220>
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<220>
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 <222> (21)
 <223> Xaa equals any of the naturally occurring L-amino acids

6493

<400> 7289

Cys Glu Ala Ser Trp Xaa Leu Cys Xaa Gly Lys Trp Tyr Gln Xaa Thr
1 5 10 15

Ala Trp Pro Pro Xaa
20

<210> 7290

<211> 49

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7290

Glu Asn Thr Glu Cys Val His Gln Ile Leu Ser Ala Ala Val Xaa Phe
1 5 10 15

Cys Leu Leu Phe Xaa Leu Ser Ser Asp Val Thr Phe Ile Lys Asp Asn
20 25 30

Pro Leu Arg Thr Leu Phe Tyr Phe Leu Thr Asn Gln Asn Val Val Phe
35 40 45

Lys

<210> 7291

<211> 34

<212> PRT

<213> Homo sapiens

<220>

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<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6494

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7291

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5				10					15		

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Xaa	Thr	Gly	Lys	Pro
			20					25					30		

Xaa Xaa

<210> 7292

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7292

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Xaa	Xaa	Arg
1				5				10					15		

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Phe	Val	Thr	Gly	Thr	Pro
			20					25					30		

Lys Xaa

6495

<210> 7293

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7293

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Xaa Xaa Arg

1

5

10

15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Pro

20

25

30

Xaa Xaa

<210> 7294

<211> 36

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6496

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7294

Val	Ile	Xaa	Ser	Leu	Lys	Ser	Thr	Phe	Lys	Ala	Phe	Gln	Ile	Lys	Lys
1				5					10					15	

Ser	Asn	Leu	Thr	Asn	Cys	Ser	Leu	Leu	Ile	Ser	Xaa	Asn	Glu	Ile	Met
			20					25					30		

Asn	Val	Leu	Ala
			35

<210> 7295

<211> 18

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (12)

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<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7295

Ala	Ser	Leu	Glu	Phe	Phe	Phe	Phe	Phe	Phe	Lys	Xaa	Xaa	Xaa	Xaa	Asn
1				5					10					15	

Xaa	Asn
-----	-----

6497

<210> 7296

<211> 76

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (37)

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<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7296

Arg	Lys	Trp	Ala	Ala	Trp	Ile	Ser	His	His	Pro	Met	Ser	Ala	Ala	Ala
1				5					10					15	

Gln	Val	Ser	Leu	Thr	Val	Ser	Trp	Val	Cys	Gly	Gly	Asp	Trp	Gly	Val
			20					25					30		

Arg	Lys	Gly	Trp	Xaa	Gly	Xaa	Leu	Lys	Arg	Lys	Gln	Leu	Gln	Pro	Glu
		35					40					45			

Ala	Gln	Thr	Gly	Cys	Arg	Val	Thr	Pro	Ser	Ser	His	Leu	Glu	Ser	Trp
	50					55					60				

Thr	Pro	Pro	Thr	Leu	Ile	His	Pro	Val	Pro	Gln	Pro
65					70					75	

<210> 7297

<211> 35

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

6498

<400> 7297

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
20 25 30

Gln Xaa Xaa
35

<210> 7298

<211> 84

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (43)

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6499

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<220>
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<400> 7298
 Lys Asn Pro Lys Pro Leu Pro Val Val Leu Tyr Tyr Asn Cys Leu Asn
 1 5 10 15
 Trp Gly Xaa Xaa Thr Pro Pro Cys Phe Pro Phe Xaa Pro Gln Ile Xaa
 20 25 30
 Xaa Leu His Phe Leu Leu Gly Ser Gln Phe Xaa Lys Ile Pro His Xaa
 35 40 45
 Lys Phe Xaa His Trp Ala Pro Xaa Xaa Xaa Lys Thr Pro Ile Ser His
 50 55 60
 Ser Leu Glu Gly Leu Glu Lys Thr Xaa Gly Lys Phe Leu Glu Xaa Asn
 65 70 75 80

6500

Pro Phe Phe Xaa

<210> 7299

<211> 68

<212> PRT

<213> Homo sapiens

<220>

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<222> (16)

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<221> SITE

<222> (25)

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<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (68)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7299

Ile	Cys	Ala	Arg	Phe	Val	Lys	Ile	Thr	Leu	Phe	Leu	Lys	Leu	Phe	Xaa
1					5				10					15	

Gln	Val	Ser	Leu	Pro	His	Ala	Tyr	Xaa	Pro	Lys	Xaa	Leu	Gly	Ile	Lys
			20					25					30		

Gly	Leu	Thr	Thr	Ala	Pro	Gly	Gln	Ile	Pro	Val	Pro	Phe	Pro	Lys	Lys
			35				40					45			

6501

Thr Pro Asn Leu Thr Leu Glu Leu Ile Gln Phe Xaa Pro Xaa Phe Ile
50 55 60

Leu Lys Leu Xaa
65

<210> 7300
<211> 46
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (8)
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<400> 7300
Trp Ile Ile Glu Phe Tyr Leu Xaa Lys Glu Lys Leu His Glu Lys His
1 5 10 15

Ile Ser Lys Phe Lys Asn Lys Glu Ser Lys Ser Thr Ser Thr Ser Thr
20 25 30

Cys Leu Ile Ile Pro Thr Phe His Leu Ile Ser Ile Tyr Ile
35 40 45

<210> 7301
<211> 81
<212> PRT
<213> Homo sapiens

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Val Ser Phe Ile Pro Xaa Xaa Val Cys Leu Lys Ile Phe Pro Gln Pro
 20 25 30

Glu Ser Phe Pro Asn His Leu Xaa Lys Lys Xaa Tyr Ala Ser Leu Xaa
 35 40 45

Thr Leu Leu Arg Thr Gln Leu Leu Leu Lys Ala Ser Ala Thr Ser
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Xaa Xaa Pro Pro Lys Leu Lys Xaa Ser Ala Phe Ser Gly Gly Pro Gly
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Xaa

6503

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Xaa	Leu	Cys	Tyr	Ser	Xaa	Thr	Met	Xaa	Met	Phe	His	Ser	Leu	Thr	Ser
			20					25					30		

Pro	Val	Pro	Xaa	Xaa	Trp	Ile	Pro	Tyr	Xaa	Tyr	Cys	Xaa	Gln	Val	Leu
			35				40					45			

Gln	Ser	Val	Thr	Cys	Val	Ile	Ser	Xaa	Phe	Xaa	Ser	Cys	Cys	Xaa	Phe
	50					55					60				

Ile	Tyr	Xaa	Ile	Asn	Xaa	Pro	Lys	Ile	Asn	Trp	Cys	Val	Xaa	Xaa	Val
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Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Xaa Val Thr Gly Lys Thr
                20             25             30
Gln Xaa Xaa Xaa
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1				5					10					15	

Tyr	Xaa	Gln	Xaa	Xaa	Asn	Xaa	Xaa	Xaa	Gly	Thr	Xaa	His	Ile	Cys	Asn
		20						25					30		

Pro	Lys	Trp	Ala	Ala	Leu	Lys	Xaa	Ser	Phe	Ala	Val	Lys	Ser	Gln	Cys
	35						40					45			

Pro	His	Xaa	Lys	Xaa	Ser	Ser	Gly	Leu	Gln	Leu	Ile	Tyr	Ser	Cys	Pro
50						55					60				

6509

Xaa Cys Ser Ser Leu Ala Pro Leu Asn Val Leu His Lys Xaa Gly Xaa
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Trp Ala

<210> 7305

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Asp	Lys	Ile	Leu	Phe	Ile	Gly	Pro	Xaa	Ile	Tyr	Trp	Leu	Trp	Gly	Leu
1				5					10					15	

Val	Xaa	Xaa	Leu	Arg	Glu	Arg	Pro	Thr	Leu	Lys	His	Xaa	Pro	Met	Cys
			20					25						30	

Trp	Asp	Val	His	Arg	Met	Xaa	Ser	Xaa	Pro	Arg	Xaa	Leu	Ser	Tyr	Leu
	35						40					45			

Gly	Xaa	Xaa	Lys	Pro	Pro	Leu	Trp	Ala	His	Leu	Val	His	Phe	Xaa	Asn
	50					55					60				

Pro	Leu	Xaa	Pro	Xaa	Lys	Gly	Phe	Phe	Pro	Arg	Phe	Pro	Lys	Gly	Pro
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6511

65		70		75		80
Pro Xaa Gly Val Xaa Xaa Pro Ser Lys His Lys Gly Pro Ala Leu Ile						
	85		90		95	
Asn Leu Glu Val Gly Asn						
	100					

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Gly	Pro	Gly	Arg	Phe	Pro	Ile	Leu	Gly	Arg	Lys	Lys	Lys	Asn	Xaa	Trp
1				5					10					15	

Xaa	Pro	Phe	Lys	Lys	Thr	Xaa	Ser	Leu	Lys	Lys	Lys	Asn	Phe	Xaa	Xaa
			20					25					30		

Gly Lys

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Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
20 25 30

Gln Xaa

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<400> 7308

Xaa	Thr	Xaa	Leu	Thr	Ser	Ser	Pro	Cys	Trp	Pro	Leu	Glu	Gly	Ser	Val
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Lys	Arg	Lys	Gly	Lys	Pro	Ser	Leu	Leu	Glu	Leu	Pro	Phe	Gly	Ile	Pro
			20					25					30		

Pro	Arg	Leu	Asn	Phe	Xaa	Thr	Pro	Cys	Phe	Ile	Xaa	Xaa	Ile	Thr	Pro
		35					40					45			

Xaa	Pro	Ile	Xaa	Xaa	Asn	Pro	Asn	Phe	Glu	Pro	Phe	Ile	Cys	His	Gln
	50					55					60				

Lys	Lys	Pro	Phe	Phe	Tyr	Leu	Pro	Thr	Ile	Ser	Gln	Xaa	Pro	Arg	Phe
65					70					75				80	

Glu	Thr	Ser	Xaa	Ile	Pro	Asn	Leu	Gln	Leu	Ser	Leu	His	Arg	Xaa	Ile
				85					90					95	

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Phe Pro Asn Leu Leu Cys
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Gly	Gln	Xaa	Xaa	Arg	Ile	Pro	Gly	Cys	Ala	Ile	Pro	Xaa	Cys	Xaa	Gly
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Leu Leu Gly Xaa Ser Tyr Phe
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Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Xaa	Pro	Ile	Val	Ser	Xaa
1				5					10				15		

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Lys	Thr
			20					25					30		

Gln	Asn	Xaa	Xaa	Xaa
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Ala Ala Arg Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile
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Val Ser Arg Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Xaa Val Thr
20 25 30

Gly Lys Thr Xaa Gly Xaa
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 Asp Ser Xaa Tyr Arg Cys Xaa Gly Tyr Asn Val Arg Leu Leu Ala Leu
 20 25 30
 Glu Ile Ala His Gly Leu Ser Ser Ser Leu Gln Ser Xaa Xaa Leu Val
 35 40 45
 Asp Gln Lys Cys Xaa Ser Asp Ile Glu Xaa Xaa Lys
 50 55 60

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Pro Pro Gly Ile Tyr Pro Asp Phe Lys Arg Xaa Pro Xaa Pro Xaa Xaa
20 25 30
Asn Xaa Xaa Ile Trp Leu Ser Xaa Xaa Pro Xaa Gln Tyr Trp Ile Trp

6520

	35		40		45										
Xaa	Ser	Pro	Asn	Pro	Thr	Xaa	Ile	Met	Ala	Xaa	Thr	Xaa	Ala	Val	Gly
	50					55					60				
Ile	Xaa	Ile	Gly	Gly	Pro	Xaa	Xaa	Leu	Phe	Xaa	Xaa	Ile	Pro	Gly	Ser
65					70					75					80
Xaa	Ala	Lys	Phe	Pro	Trp	Gly	Trp	Gly	Asn	Gln	Xaa	Pro	Cys	Cys	Leu
				85					90					95	

Lys Asn

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 Thr Ser Xaa Xaa Glu Met Leu Ala Glu Met Lys Gly Cys Cys Gln Cys
 1 5 10 15
 Asn Ala His Gly Gly Ala Leu Gln Val Ser Ala Xaa Pro Xaa Pro Ala
 20 25 30
 Ser Pro Ala Leu Leu Ser Gln Ala Xaa Xaa Arg Arg Gly Thr Leu Xaa
 35 40 45
 Thr Pro Ser Leu Gly Ser Xaa Xaa Ile Gly His Lys Ser Leu Xaa Cys
 50 55 60
 Xaa Gly Xaa Ala Gln Val His Ile Xaa Glu His Leu Xaa Met Xaa Leu
 65 70 75 80
 Gly Glu Pro Ser Ala Gln Pro Thr Ser Gly Lys Asn Lys Phe Trp Gly
 85 90 95
 His Gly Ala Pro Lys Lys Thr Xaa Ile Glu Tyr Phe Cys Leu Phe Xaa
 100 105 110
 Ser Ala Xaa His Xaa Lys Leu Pro Xaa Glu Asn Phe Leu Gln Thr
 115 120 125

 <210> 7315
 <211> 79
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6523

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 1 5 10 15
 Leu Gln Phe Lys Met Lys Ser Val Ser Phe Phe Leu Tyr Phe Ser Ala
 20 25 30
 Lys Gln Asp Ala Thr Leu Xaa Leu Pro Pro Leu Thr Ile Asn Arg Xaa
 35 40 45
 His Ser Gly Leu Lys Ala Ala Pro Pro Phe Asn Leu Xaa Ile Trp Gln
 50 55 60
 Thr Xaa Ser Leu Glu Xaa Asn Ser Ala Xaa Ile Phe Phe Leu Asn
 65 70 75

<210> 7316
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6524

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7316

Ser	Ser	Ser	His	Leu	Ser	Gln	Leu	Asn	Asn	Val	Thr	Pro	Pro	Pro	Leu
1				5				10						15	

Pro	Leu	Lys	Ile	Cys	Leu	Leu	Tyr	Phe	Tyr	Leu	Arg	Phe	Lys	Ser	Gly
			20					25					30		

Phe	Phe	Tyr	Glu	Ser	Leu	Val	Xaa	Ser	Ser	Xaa	Leu	Tyr
		35					40				45	

<210> 7317

<211> 38

<212> PRT

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<222> (37)

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7317

Ala	Ala	Arg	Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile
1				5				10					15		

Val	Ser	Arg	Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr
			20					25					30		

6525

Gly Lys Thr Xaa Xaa Xaa
35

<210> 7318

<211> 19

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<400> 7318

Gly Thr Arg Val Cys Phe Phe Phe Lys Xaa Gly Leu Xaa Phe Xaa Gly
1 5 10 15

Xaa Arg Xaa

<210> 7319

<211> 35

<212> PRT

<213> Homo sapiens

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<400> 7319

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Asn Pro
20 25 30

Xaa Xaa Xaa
35

<210> 7320

<211> 51

<212> PRT

<213> Homo sapiens

<400> 7320

Ala Lys Met Arg Ile Thr Ile Pro Asn Val Lys Pro Gly Leu Glu Thr
1 5 10 15

Ala Val Leu Ala Gln Phe Ser Ile Ser Ser Gln Cys Tyr Asn Leu Ile
20 25 30

Pro Ser Leu Val Arg Lys Leu Asn Lys Met Asp Ser Leu Arg Phe Pro
35 40 45

Val Arg Ile
50

<210> 7321

<211> 51

<212> PRT

<213> Homo sapiens

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 <220>
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 <222> (43)
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 <400> 7321
 Lys Xaa Val Met Glu Thr Phe His Met Lys Pro Ser Leu Thr Glu Ile
 1 5 10 15

 Thr Leu Leu Leu Asn Asn Ser Xaa Asn Phe His Leu Gln Ser Val Trp
 20 25 30

 Asn Phe Met Xaa Val Xaa Glu Ser His Leu Xaa Gln Cys Leu Ile Thr
 35 40 45

 Ser Leu Pro
 50

 <210> 7322
 <211> 38
 <212> PRT
 <213> Homo sapiens

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6528

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<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7322

Lys	Val	Tyr	Lys	Arg	Trp	Xaa	Leu	His	Arg	Gly	Pro	Arg	Lys	Asn	Leu
1				5					10					15	

Glu	Leu	Met	Asp	Pro	Pro	Gly	Cys	Arg	Xaa	Phe	Gly	Thr	Xaa	Gly	Thr
			20					25					30		

Asn	Ala	Xaa	Phe	Ile	Xaa
					35

<210> 7323

<211> 38

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6529

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7323

Asn	Tyr	Trp	Ile	Pro	Arg	Ala	Ala	Xaa	Asn	Ser	Val	Arg	Xaa	Glu	Lys
1				5				10						15	

Xaa	Asn	Pro	Met	Arg	Val	Thr	Ser	His	Pro	Thr	Asn	Ser	Val	Ser	Thr
			20					25					30		

Phe	Cys	Val	Gly	Glu	Xaa
			35		

<210> 7324

<211> 69

<212> PRT

<213> Homo sapiens

<220>

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<222> (48)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7324

Pro	Leu	Glu	Pro	Ala	Gln	Ala	Lys	Trp	Thr	Leu	His	Trp	Ser	Asp	Thr
1				5				10						15	

Cys	Cys	Phe	Gln	Ala	Cys	Pro	Ser	Asn	Leu	Pro	His	Val	Leu	Cys	Leu
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6530

	20		25		30	
Leu	Phe	Ser	Leu	Pro	Arg	Ser
	35		40		45	
Val	Thr	Ile	Val	Glu	Thr	Pro
Gly	Xaa					
Gln	Trp	Xaa	Ile	Gly	Xaa	His
	50		55		60	
Pro	Trp	Xaa	Glu	Thr	Gly	Phe
Pro	Asp					
Xaa	Lys	His	His	Gly		
65						

<210> 7325

<211> 75

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7325

Leu	Xaa	Arg	Val	Leu	Leu	Asn	Lys	Gly	Asn	Lys	Arg	Pro	Ser	Ser	Thr
1				5				10							15

6531

Xaa Gly Gly Xaa Arg Ser Arg Thr Ser Gly Ser Pro Gly Leu Gln Glu
 20 25 30
 Ser Gly Thr Ser Gly Thr Arg Gly Gly Pro Val Pro Asn Ser Pro Tyr
 35 40 45
 Ser Glu Ser Tyr Tyr Asn Ser Leu Ala Val Val Leu Gln Arg Arg Asp
 50 55 60
 Trp Glu Asn Pro Lys Xaa Xaa Xaa Phe Phe Val
 65 70 75

<210> 7326

<211> 66

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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6532

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 <400> 7326
 Tyr Xaa Xaa Val Asp Pro Pro Leu Asn His Xaa Pro Xaa Leu Ser Leu
 1 5 10 15
 Thr Lys Arg Lys Pro Ser Pro His Ser Leu Asn Leu Ile His His Ser
 20 25 30
 Arg Gln Xaa Arg Trp Ile Lys Pro Xaa Pro Ala Thr Gln Asn Leu Xaa
 35 40 45
 Ile Leu Leu Asn Xaa Pro His Xaa Met Asn Asn Ser Ser Ser Thr Val
 50 55 60
 Gln Thr
 65

<210> 7327
 <211> 44
 <212> PRT
 <213> Homo sapiens

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 <223> Xaa equals any of the naturally occurring L-amino acids

6533

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<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7327

Gly	Lys	Ile	Pro	Asp	Tyr	Val	Ala	Leu	His	Val	Arg	Asp	Pro	Lys	Glu
1				5					10					15	

Thr	Arg	Leu	Ser	Thr	Gly	Arg	Val	Pro	Glu	Xaa	Asn	Leu	Val	Ser	Arg
			20					25					30		

Pro	Gln	Ile	Asp	Phe	Asp	Gly	Xaa	Asp	Phe	Xaa	Xaa
		35					40				

<210> 7328

<211> 38

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7328

Ala	Ala	Xaa	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5					10					15	

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Lys	Pro
			20					25					30		

Xaa Val Xaa Xaa Phe Ser

6534

35

<210> 7329
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<213> Homo sapiens

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<222> (13)
<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7329
Asp Xaa Thr His Ser Asp Arg Cys Cys Xaa Val Pro Xaa Asn His Xaa
1 5 10 15

His Cys

<210> 7330
<211> 97
<212> PRT
<213> Homo sapiens

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6535

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<400> 7330

Phe	Gly	Leu	Ser	His	Leu	Pro	Pro	Leu	His	Cys	Arg	Leu	Cys	Thr	Lys
1				5					10					15	

Pro	Arg	Tyr	Leu	Leu	Leu	Ser	Glu	Pro	Cys	Cys	Phe	Tyr	Ile	Pro	Cys
			20					25					30		

Met	Cys	Thr	Cys	Cys	Ile	Tyr	Cys	Leu	Leu	Cys	Lys	Leu	Leu	Pro	Ser
			35					40				45			

Phe	Pro	Arg	Ala	Phe	Arg	Gly	Leu	Thr	Leu	Cys	Phe	Ser	Leu	Pro	Xaa
			50				55					60			

Thr	Leu	Val	Thr	Pro	Phe	Cys	Val	Ser	Ile	Thr	Phe	Thr	Val	Val	Leu
	65					70				75					80

Cys	Tyr	Ser	Tyr	Leu	His	Val	Cys	Pro	Ile	Leu	Xaa	Glu	Leu	Ser	Ala
				85					90					95	

Thr

<210> 7331

<211> 40

<212> PRT

<213> Homo sapiens

<400> 7331

Thr	Val	Leu	Met	Glu	Tyr	Gly	Leu	Ile	Tyr	Ile	Leu	Leu	Ser	Trp	Thr
1				5					10					15	

Asn	Thr	Ile	Cys	Phe	Trp	Leu	His	Ser	Thr	Asn	Arg	Thr	Trp	Gln	Asp
			20					25					30		

Lys	Phe	Met	Val	Arg	Val	Gly	Trp
		35				40	

<210> 7332

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<222> (9)

6536

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7332

Leu	His	Gln	Arg	Gly	Leu	Ser	Leu	Xaa	Gly	Thr	Ser	Gly	Ser	Pro	Gly
1				5					10					15	

Leu	Gln	Glu	Xaa	Arg	Thr	Ser	Glu	Ser	Xaa	Ile	Leu	Leu	Ile	Xaa	Xaa
			20						25					30	

Leu

<210> 7333

<211> 45

<212> PRT

<213> Homo sapiens

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6537

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<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7333

Gly	Gly	Ser	Ala	Ser	Leu	Ser	Ser	Ser	His	Lys	Lys	Gly	Thr	Lys	Gly
1				5					10					15	

Pro	Ala	Pro	Pro	Thr	Val	Ala	Xaa	Ala	Leu	Glu	Leu	Val	Asp	Pro	Pro
			20					25					30		

Gly	Cys	Arg	Asn	Pro	Ala	Arg	Val	Xaa	Pro	Xaa	Xaa	Xaa
		35					40				45	

<210> 7334

<211> 35

<212> PRT

<213> Homo sapiens

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<400> 7334
 Ser Pro Ala Xaa Gln Met Xaa Ser Ser Xaa Pro Leu Tyr Phe Ser Gly
 1 5 10 15
 Val Xaa Leu Val Lys Arg Ile Cys Xaa Gly Glu Glu Leu Leu Ala Xaa
 20 25 30
 Leu His Leu
 35

<210> 7335
 <211> 17
 <212> PRT
 <213> Homo sapiens

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<220>
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 <222> (10)
 <223> Xaa equals any of the naturally occurring L-amino acids

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 <222> (14)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (16)
 <223> Xaa equals any of the naturally occurring L-amino acids

6539

<400> 7335

Xaa Lys Ser Asp Gly His Leu Xaa Ala Xaa Asp Lys Asp Xaa Thr Xaa
1 5 10 15

Pro

<210> 7336

<211> 48

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

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<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6540

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7336

Lys Thr Xaa Trp Phe Cys Leu Val Ser Xaa Ile Glu Phe Val Cys Gly
1 5 10 15

Phe Lys Phe Xaa Xaa Asn Phe Tyr Phe Tyr Leu Phe Pro Phe Ile Tyr
20 25 30

Xaa Cys Leu Phe Cys Tyr Phe Cys Xaa Val Phe Leu Xaa Pro Leu Xaa
35 40 45

<210> 7337

<211> 22

<212> PRT

<213> Homo sapiens

<220>

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<222> (6)

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<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7337

Val Trp Gly His Pro Xaa Lys Asn Lys Xaa Pro Gly Ala His Trp Val
1 5 10 15

Asn Ser Leu Tyr Glu Lys
20

<210> 7338

<211> 38

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

6541

<400> 7338

Ala Arg Ala Glu Phe Gly Thr Arg Gly Ala Arg Tyr Pro Ile Arg Pro
 1 5 10 15

Ile Val Ser Arg Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val
 20 25 30

Thr Gly Asn Pro Lys Xaa
 35

<210> 7339

<211> 49

<212> PRT

<213> Homo sapiens

<220>

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<222> (19)

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<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7339

Leu Ser Lys His Thr Ile Tyr Met Thr Leu Ile Leu Ile Thr Arg Ser
 1 5 10 15

Asn Gln Xaa Asp Asn Glu Ile Pro Ile Ile Lys Phe Gly Glu Lys Xaa
 20 25 30

Ser Lys Ile Tyr Gln Asn Ile Cys Pro Pro Xaa Arg Cys Ile Ser Ser
 35 40 45

Leu

<210> 7340

<211> 18

<212> PRT

6542

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7340

Lys	Asn	Glu	Val	Thr	Asp	Xaa	Leu	Lys	Lys	Lys	Lys	Lys	Lys	Ile	Pro
1					5				10					15	

Xaa Leu

<210> 7341

<211> 88

<212> PRT

<213> Homo sapiens

<220>

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<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7341

Phe	Pro	Ile	Gly	Pro	Phe	Phe	Phe	Ser	Cys	Lys	Thr	Val	Leu	Leu	Leu
1				5					10				15		

Ile	Lys	Ile	Ile	Leu	Glu	Tyr	Cys	Gln	Cys	Val	Asp	Asn	Ile	His	Leu
	20						25						30		

Leu	Leu	Leu	Thr	Ala	Tyr	Ser	Ser	Val	Lys	Leu	Leu	Lys	Val	Leu	Asn
	35						40					45			

Ile	Met	Lys	His	Leu	Val	Lys	Asn	Trp	Xaa	Gly	Ser	Asn	Xaa	His	Gly
	50					55					60				

Arg	Asn	Pro	Arg	Thr	Leu	Gln	Ile	Pro	Pro	Leu	Ile	Leu	Asn	Ser	Lys
65					70					75					80

6543

Ile Ser Ile Ile Leu Asp Trp Ala
85

<210> 7342

<211> 35

<212> PRT

<213> Homo sapiens

<220>

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7342

Asn Gly Thr Arg Gly Gly Pro Val Pro Asn Ser Pro Tyr Ser Xaa Ser
1 5 10 15

Tyr Tyr Asn Ser Leu Ala Val Val Leu Gln Arg Arg Asp Trp Glu Asn
20 25 30

Pro Lys Xaa
35

<210> 7343

<211> 55

<212> PRT

<213> Homo sapiens

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6544

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7343

Trp	Leu	Lys	Thr	Pro	Leu	Gly	Leu	Xaa	Gln	Ile	Thr	Val	Phe	Asn	Met
1				5				10						15	

Thr	Xaa	Leu	Arg	Leu	Tyr	Asn	Leu	Asn	Pro	Ile	Ser	Leu	Leu	Leu	Ser
			20				25						30		

Gln	Leu	Ser	Glu	Thr	Leu	Asn	Xaa	Thr	Ile	Leu	Cys	Xaa	Ala	Lys	Asn
		35					40					45			

Ser	Phe	Leu	Phe	Xaa	Arg	Asn
	50					55

<210> 7344

<211> 44

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<220>

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<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7344

Ser	Xaa	Val	Ile	Cys	Ile	Leu	Ile	Asn	Xaa	Gln	His	Thr	Val	Arg	Ser
1				5				10						15	

6545

Thr Leu Xaa Tyr Tyr Ile Glu Val Leu Leu Phe Ala Tyr Leu Leu Ile
20 25 30

Phe Ser Thr Gln Ser Gly Ser His Phe Val Phe Cys
35 40

<210> 7345

<211> 92

<212> PRT

<213> Homo sapiens

<220>

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<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (43)

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<222> (64)

6546

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (70)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (75)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (92)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7345

Arg	Thr	Gln	Val	Xaa	Ala	Gln	Gln	Glu	Ala	Thr	Asp	Leu	Trp	Asp	Pro
1				5					10					15	

Gly	Pro	Gly	Val	Phe	Ala	Gly	Leu	Thr	Pro	Ala	Ser	Leu	Xaa	Phe	Gln
			20					25					30		

Leu	Phe	Leu	Ser	Lys	Val	Glu	Xaa	Thr	Phe	Xaa	Cys	Ile	Cys	Cys	Xaa
		35					40					45			

Asp	Trp	Cys	Ser	Gly	Pro	Ser	Arg	Pro	Cys	Cys	Xaa	His	Asn	Xaa	Xaa
	50					55					60				

Gln	Xaa	Xaa	Pro	Gly	Xaa	Ile	Leu	Ser	Gly	Xaa	Val	Phe	Thr	Ala	Leu
65					70					75					80

Pro	Ala	Leu	Gln	Leu	Gly	Xaa	Thr	Met	Pro	Ala	Xaa
				85					90		

6547

<210> 7346

<211> 76

<212> PRT

<213> Homo sapiens

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<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7346

Thr	Leu	Lys	Met	Ile	Leu	Glu	Xaa	Val	Phe	Tyr	Val	Phe	Lys	Xaa	Arg
1				5				10						15	

Tyr	Ile	Ser	Phe	Leu	Tyr	Ala	Val	Asn	Xaa	Ser	His	Val	Tyr	Val	Ser
			20					25					30		

Tyr	Val	Ser	Leu	Cys	Gly	Asn	Ser	Leu	Asn	Tyr	Tyr	Ile	Ser	Ser	Leu
			35					40				45			

Xaa	Ile	Leu	Ser	Ser	Phe	Arg	Gly	Thr	Gly	His	Ile	Tyr	Met	Lys	Asn
	50					55					60				

Arg	Asn	Xaa	Thr	Thr	Asn	Lys	Arg	Glu	Ile	Thr	Arg
	65				70					75	

<210> 7347

6548

<211> 80
<212> PRT
<213> Homo sapiens

<220>
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<220>
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<222> (35)
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<220>
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<222> (70)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (74)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7347
Leu Val Pro Asn Ser Ala Arg Gly Phe Thr Leu Leu Thr Lys Arg Leu

6549

1	5	10	15
Asn Arg Leu Phe Ile Asn Arg Pro His His Ser Xaa Xaa Leu Asn Leu	20	25	30
Trp Ala Xaa Asn His Ser Arg Leu Thr Leu Ser Thr Pro Gln Xaa Gly	35	40	45
Gly Pro Ser Gln Ile Ile Ser Xaa Phe Lys Ser Xaa Ala Leu Pro Phe	50	55	60
Pro Phe Asn Xaa Gln Xaa Pro Gly Gly Xaa Lys Arg Gly Pro Leu Ile	65	70	75
			80

<210> 7348

<211> 21

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7348

Val Gln Xaa His Phe Thr Xaa Gln Ser Tyr Gly Xaa Thr His Pro Leu	1	5	10	15
---	---	---	----	----

Ile Ile Leu Val Xaa	20
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6550

<210> 7349

<211> 63

<212> PRT

<213> Homo sapiens

<220>

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<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7349

Gln	Ser	Glu	Val	Lys	Lys	Ser	Val	Cys	Val	Val	Val	Xaa	Ala	Trp	Ile
1				5					10					15	

Gly	Val	Pro	Ser	Cys	Leu	Gly	Xaa	Tyr	Thr	Tyr	Ala	Ser	Phe	Leu	Leu
			20					25					30		

Phe	Ile	Phe	Cys	Leu	His	Ser	Ser	Glu	Phe	Thr	Tyr	Phe	Leu	Lys	Ile
		35					40					45			

Ser	Lys	Leu	Leu	Phe	Arg	Xaa	Ile	Ser	Arg	His	Trp	Gly	Arg	Leu
	50					55					60			

<210> 7350

<211> 35

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

6551

<400> 7350

Cys Xaa Thr Tyr Val Tyr Pro Leu Leu Lys Phe Pro Pro Ala Leu Ile
1 5 10 15

Ser Met Phe Gln Cys Gln Xaa Ser Tyr Asn Ser Lys Cys Ser Pro Lys
20 25 30

Gly Gly Ser
35

<210> 7351

<211> 69

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

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<220>

<221> SITE

<222> (21)

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<222> (39)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (46)

6552

<223> Xaa equals any of the naturally occurring L-amino acids

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<220>

<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (64)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7351

Gly	Leu	Lys	Lys	Pro	Lys	Thr	Ser	His	Glu	Val	Asn	Tyr	Xaa	Lys	Gly
1				5					10					15	

Phe	Pro	Trp	Asp	Xaa	Lys	Ile	Arg	Val	Lys	Thr	Val	Gly	Gln	Gln	Tyr
			20					25					30		

Phe	Pro	Xaa	Xaa	Gln	Asn	Xaa	Ser	Tyr	Xaa	Lys	Lys	Leu	Xaa	Ile	Xaa
		35					40					45			

Tyr	Met	Asn	Gln	Thr	Xaa	Thr	Pro	Phe	Pro	Ile	Leu	Leu	Lys	Ile	Xaa
	50					55					60				

Ser	Ser	Ile	Lys	Asn
				65

<210> 7352

<211> 60

<212> PRT

<213> Homo sapiens

<220>

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 <220>
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 <222> (49)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7352
 Lys His Gln Leu Phe Cys Phe Phe Xaa Pro Tyr Lys Leu Xaa Xaa Xaa
 1 5 10 15

 Xaa Glu Xaa Trp Val Val Val Met Val Xaa Thr Ile Thr Gly Tyr Phe
 20 25 30

 Ala Ala Thr Val Arg Xaa Glu Lys Xaa Gln Arg Ile Leu Leu Ser Cys
 35 40 45

 Xaa Ile Trp Gly Ile Thr Lys Trp Lys Thr Ala Ile
 50 55 60

6554

<210> 7353
<211> 18
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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<220>
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<222> (14)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7353
Ala Xaa Pro Gly Gly Xaa Arg Asn Gln Phe Arg Pro Ile Xaa Ile Pro
1 5 10 15

Ile Thr

<210> 7354
<211> 34
<212> PRT
<213> Homo sapiens

<220>
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<222> (3)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (34)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7354
Ala Ala Xaa Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

6555

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
 20 25 30

Lys Xaa

<210> 7355

<211> 48

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7355

Met Leu Pro Leu Xaa Ile Ile Thr Cys Leu Thr Leu Asn Lys Phe Tyr
 1 5 10 15

Arg Ile Phe Ser Arg Thr Phe Ala Asn Thr Gly Asp Ser Gln Lys Gln
 20 25 30

Cys Trp Glu Leu Phe Ser Asn Phe Pro Phe Glu Asn Leu Gln Lys Phe
 35 40 45

<210> 7356

<211> 40

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7356

Xaa Gln Leu Lys Glu His Thr Arg Leu Cys Ser Lys Ile Val Gly Arg
 1 5 10 15

Phe Ile Gly Arg Gly Asp Lys Pro Thr Glu Pro Gly Asp Ser Trp Leu
 20 25 30

Ser Lys Ile Asn Leu Ser Ser Leu

6556

35

. 40

<210> 7357

<211> 53

<212> PRT

<213> Homo sapiens

<220>

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<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7357

Val	Glu	Ala	Thr	Asn	Leu	Pro	Ser	Leu	Val	Ile	Ala	Gly	Cys	Pro	Lys
1					5				10					15	

Xaa	Asn	Leu	Xaa	Ser	Thr	Leu	Asn	Leu	Pro	Thr	Glu	Pro	Ser	Lys	Ser
		20					25						30		

Leu	Val	Asn	Leu	Thr	Val	Ser	Pro	Lys	Glu	Glu	Gln	Leu	Phe	Gly	Pro
		35					40					45			

Xaa	Lys	Lys	Pro	Cys
		50		

<210> 7358

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6557

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7358

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Xaa Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
20 25 30

Gln Xaa

<210> 7359

<211> 74

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7359

Leu Leu Ile Pro Gly Ala Gly Leu Ser Leu Leu Pro Ile Ser Gln Pro
1 5 10 15

Cys Glu Ser Val Leu Ala Ser Thr Asp Thr Ala Asp Pro Glu Leu Asn
20 25 30

Val Pro Lys Trp Arg Ser Gln Ser Arg Leu Phe Xaa Asn Trp Ala Lys
35 40 45

Thr Leu Lys Trp Gly Gln Ser Gly Leu Pro Gln Trp Ser Asn Thr Gly
50 55 60

Phe Leu Leu Asn Val Ser Lys Thr Cys Pro
65 70

<210> 7360

<211> 77

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (24)

6558

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (63)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (70)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (71)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7360

Glu	Ile	Ile	Val	Val	Leu	Val	Trp	Trp	His	Lys	Phe	Phe	Ser	Leu	His
1				5					10					15	

Phe	Val	Tyr	Ala	Asp	Cys	Leu	Xaa	Xaa	Leu	His	Pro	Phe	Leu	Phe	Phe
			20					25					30		

Pro	Glu	Xaa	Xaa	Lys	Ser	Gln	Phe	Cys	Leu	Leu	Asp	Ala	Leu	Lys	Lys
		35					40						45		

6559

Ile Arg Arg Glu Arg Lys Asn Gln Thr Asp Cys Xaa Tyr Phe Xaa Glu
50 55 60

Xaa Asp Asn Phe Gly Xaa Xaa Cys Gln Ala Pro Ser Trp
65 70 75

<210> 7361
<211> 33
<212> PRT
<213> Homo sapiens

<400> 7361
Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Pro
20 25 30

Lys

<210> 7362
<211> 69
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (44)
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<220>
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<222> (53)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (57)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (63)
<223> Xaa equals any of the naturally occurring L-amino acids

6560

<400> 7362

Asn Asn Met Asn Cys Met Pro Thr Val Tyr Gln Thr Trp His Trp Ala
1 5 10 15

Pro Cys Cys Cys Arg Phe Ser Glu Pro Trp Pro Leu Tyr His Gly Pro
20 25 30

Asp His Val Phe Ser Gly Arg Leu Asn Lys Leu Xaa Ile Glu Gln Ile
35 40 45

Thr Thr Ser Ser Xaa Asp Ile Lys Xaa Lys Tyr Ser Phe Asp Xaa Ile
50 55 60

Glu Gln Trp Glu Val
65

<210> 7363

<211> 77

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

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<220>

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<222> (21)

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<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (27)

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<400> 7363

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1				5					10					15	

Leu	Lys	Leu	Cys	Xaa	Asn	Xaa	Phe	Phe	Phe	Xaa	Xaa	Val	Cys	Trp	Glu
			20					25					30		

Lys	Lys	Phe	Phe	Pro	Phe	Leu	Lys	Lys	Asn	Gln	Thr	Thr	Xaa	Xaa	Xaa
		35					40					45			

Xaa	Val	Ser	Trp	Glu	Ser	Pro	Xaa	Gly	Xaa	Lys	Xaa	Ile	Pro	Gly	Leu
	50					55					60				

Glu	Ser	Pro	Pro	Ile	Leu	Phe	Ser	Trp	Ala	Leu	Phe	Tyr
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6562

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<400> 7364

Xaa	Pro	Phe	Leu	Leu	Leu	Thr	Xaa	Xaa	Leu	Lys	Trp	Gly	Gly	Gly	Leu
1				5					10					15	

Xaa	Pro	Lys	Asn	Xaa	Thr	Phe	Phe	Pro	Arg	Gly	Glu	Lys	Thr	Ser	Arg
			20					25					30		

Gly	Ala	Leu	Gly	Gly	Xaa	Pro	Pro	Pro	Leu	Lys	Asn	Pro	Leu	Xaa	Gln
		35					40						45		

Asn	Pro	Leu	Leu	Phe	Pro	Gln	Asn	Gly	Ser	Xaa	Xaa	Phe	Xaa	Xaa	Xaa
	50					55					60				

Gly	His	Pro	Pro	Asn	Leu	Asn	Asp	Phe	Xaa	Phe	Xaa	Ile	Xaa	Xaa	Arg
65					70					75					80

Gly	Xaa	Gln	Ser	Asn	Trp	Xaa	Phe	Xaa	Lys	Ala	Lys	Gly	Asn	Leu	Pro
				85					90					95	

Pro	Xaa	Phe	Gly
			100

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<400> 7365

Lys	Gly	Phe	Glu	Leu	Phe	Val	Glu	Xaa	Lys	Asn	Gln	Xaa	Xaa	Lys	Lys
1				5					10					15	

Xaa	Gly	Ser	Phe	Xaa	Lys	Lys	Lys	Leu	Leu	Gly	Ala	Trp	Xaa	Thr	Xaa
			20					25					30		

Pro	Xaa	Lys	Lys	Xaa	Xaa	Lys	Lys	Xaa	Leu	Glu	Phe	Xaa	Phe	Pro	Lys
		35					40					45			

Lys	Leu	Gly	Xaa	Ile	Phe	Phe	Xaa	Xaa	Lys	Asn	Ser	Pro	Xaa	Lys	Ile
	50					55					60				

Pro	Phe	Pro	Pro	Phe	Trp	Gly	Glu	Xaa	Xaa	Xaa	Xaa	Xaa	Lys	Xaa	Xaa
	65				70					75					80

Pro	Pro	Pro	Pro	Phe	Xaa	Ile	Trp	Lys	Asn	Phe	Gly	Pro	Pro	Phe	Phe
				85					90					95	

Glu	Xaa	Phe	Leu	Lys	Lys	Ile	Phe	Phe	Gly	Glu	Lys	Xaa	Pro	Pro	Lys
			100					105					110		

Xaa	Pro	Pro	Xaa	Asn	Phe	Xaa	Lys	Asn	Ser
			115				120		

<210> 7366

6568

<211> 50
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<213> Homo sapiens

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<400> 7366
Leu Ser Thr Phe Ser Leu Leu Phe Glu Val Leu Phe Gln Pro Ser Phe
1 5 10 15
Leu Lys Leu Phe Xaa Ser Thr Leu Ser Phe Ser Xaa Phe Ile Thr Tyr
20 25 30
Pro Phe Ser Leu Glu Leu Glu Leu His Tyr Leu Phe Tyr Tyr Phe Thr
35 40 45
Arg Leu
50

<210> 7367
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<400> 7367
Ala Ala Arg Xaa Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg

6569

1	5	10	15
Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Asn Pro			
	20	25	30
Lys Xaa Xaa			
	35		

<210> 7368

<211> 77

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 1 5 10 15
 Tyr Ile Lys Ile Arg Ala Leu Xaa Arg Xaa Val Leu Val Xaa Asn Gly
 20 25 30
 Tyr Ser Ser Val Val Gln Arg Tyr Thr Lys Cys Xaa Phe Leu Tyr Lys
 35 40 45
 Val Lys Ile Leu Gly Gly Tyr Lys Lys Ile Thr Leu Asn Xaa Leu Thr
 50 55 60
 Leu Xaa Gly Phe Asp Ile Xaa Phe Ser Xaa Trp Asn Pro
 65 70 75

 <210> 7369
 <211> 78
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 <213> Homo sapiens

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<400> 7369

Ser	Gly	Thr	Val	Ser	Val	Cys	Thr	Xaa	Xaa	Thr	Lys	Glu	Thr	Cys	Leu
1				5				10						15	

Arg	Thr	Phe	Gly	Phe	Gly	Trp	Lys	Leu	Phe	Ile	Phe	Cys	Leu	Ile	Glu
		20						25					30		

Pro	Asn	Leu	Leu	Ser	Gly	Thr	Ala	His	Xaa	Val	Asn	Lys	Xaa	Val	Xaa
		35					40					45			

Lys	Asp	Gly	Thr	Gly	His	Gly	Lys	Leu	Lys	Lys	Ser	Phe	Leu	Ser	Leu
	50					55					60				

Thr	Phe	Val	Arg	Leu	Asn	His	Leu	Thr	Tyr	Xaa	Ser	Glu	Ser
65					70					75			

<210> 7370

<211> 67

<212> PRT

<213> Homo sapiens

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<400> 7370

Met	Xaa	Ala	Cys	Gly	Phe	Xaa	Xaa	Asn	Trp	Gln	Gln	Cys	Gln	Ile	Pro
1				5					10					15	

Arg	Ser	Trp	Ala	Leu	Phe	Lys	Ser	Xaa	Leu	Asn	Arg	Gly	Leu	Thr	Glu
			20					25					30		

Ser	Lys	Xaa	Ser	Xaa	Leu	Arg	Cys	Thr	Lys	His	Thr	Xaa	Thr	Thr	Xaa
		35					40					45			

Trp	Phe	Ser	Phe	Asp	Ala	Gln	His	Xaa	His	Glu	Xaa	Thr	Trp	Lys	Cys
	50					55					60				

Pro	Phe	Lys
65		

6573

<210> 7371

<211> 65

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<400> 7371

Ser Phe Tyr Ile Arg Ile Arg Lys Cys Lys Leu Val Ser Xaa Ser Leu
1 5 10 15

Cys Xaa Leu Leu Asn Pro Thr Val Xaa Met Thr Asp Lys Phe Ser Pro
20 25 30

6574

Ser Pro Ala Xaa Cys Xaa Gln Val Arg Xaa Xaa Pro Lys Ser Pro Pro
 35 40 45

Phe Trp Asn Phe Lys Leu Gly Gly Ser Gln Asn Thr Xaa Gly Ser Tyr
 50 55 60

Phe
 65

<210> 7372
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<400> 7372
 Gly His Val Phe Ser Phe Glu Leu Phe Ser Phe Ser Val Gly Gly Lys
 1 5 10 15

Ile Ser His Glu Lys Gln Lys Val Thr Leu Pro Ser Leu Met Pro Gly
 20 25 30

Ser Xaa Asp Glu Lys Glu Ile Leu Gly Lys Asp Gln Phe Pro Leu Phe
 35 40 45

6575

Gln Leu Ser Ile Thr Glu Phe Val Phe Gly Lys Trp Ala Phe Leu Lys
 50 55 60

Ser Cys Ser Val Phe Gln Gln Gly Gln Glu Val Xaa Cys Leu Leu Cys
 65 70 75 80

Tyr Leu Lys Xaa Ser Val Arg Gly Val Pro Xaa Gly Ser Arg Lys Xaa
 85 90 95

Ser Ser Phe Cys
 100

<210> 7373

<211> 96

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<400> 7373

Gly	Thr	Ser	Val	Val	Val	Tyr	Xaa	Arg	Cys	Xaa	Leu	Met	Leu	Asn	Ser
1				5				10						15	

Xaa	Tyr	Ser	Xaa	Arg	Glu	Xaa	His	Lys	Phe	Xaa	Val	Lys	Xaa	Pro	Ser
			20					25					30		

Tyr	Cys	Gly	Phe	Phe	Leu	Leu	Leu	Xaa	Asn	Met	Xaa	Glu	Ile	Lys	Ile
	35						40					45			

Thr	His	Val	Leu	Gly	Pro	Leu	Lys	Pro	Tyr	Ile	Ala	Thr	Val	His	Xaa
	50					55					60				

Ser	Asn	Xaa	Xaa	Arg	Gly	Asp	Xaa	Gly	Xaa	Tyr	Val	Xaa	Thr	Tyr	Xaa
65					70					75					80

Ser	Xaa	Phe	Lys	Phe	Tyr	Leu	Leu	Arg	Lys	Xaa	Phe	Pro	Gln	Ser	Ala
				85					90					95	

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<211> 59

<212> PRT

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<400> 7374

Ile	Glu	Phe	Tyr	Xaa	Tyr	Phe	Gly	Glu	Lys	Ile	Ile	Phe	Cys	Xaa	Pro
1				5					10					15	

Lys	Xaa	Ile	Phe	Ser	Tyr	Ser	Phe	Arg	Lys	Phe	Glu	Ile	Leu	Xaa	Xaa
		20						25					30		

Phe	Arg	Ala	Phe	Asn	Trp	Asn	Leu	Xaa	Pro	Lys	Leu	Lys	Pro	Phe	Thr
		35					40						45		

Leu	Lys	Pro	Pro	Ile	Phe	Phe	Phe	Xaa	Pro	Leu
	50						55			

<210> 7375

<211> 38

<212> PRT

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 Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
 20 25 30
 Lys Thr Xaa Gly Ile Xaa
 35

<210> 7376
 <211> 53
 <212> PRT
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1 5 10 15
Ser Xaa Gly Ser Ser Ile Ser Gly Ser Ile Thr Asn Ser Trp Phe Xaa
20 25 30
Leu Thr Asn Pro His His Phe Leu Ser Phe Pro Xaa Xaa Leu Pro Pro
35 40 45
Xaa Thr Pro Ser Ile
50

<210> 7377
<211> 34
<212> PRT
<213> Homo sapiens

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 Leu Leu Tyr Phe Pro Val Xaa Ser Ala Gly Xaa Xaa Xaa Leu Leu Ser
 1 5 10 15
 Asp Arg Asn Leu Tyr Lys Xaa Phe Phe Asp Pro Val Gly Arg Arg Tyr
 20 25 30
 Pro Phe

<210> 7378
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Gly Leu Leu Xaa Tyr Xaa Asn Glu Thr Leu Val Xaa Thr Lys Tyr Asp
1 5 10 15
Phe Xaa Lys Val Leu Phe Tyr Lys Thr Xaa
20 25

<210> 7379
<211> 112
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<400> 7379

Lys	Asn	Phe	Phe	Phe	Phe	Phe	Xaa	Lys	Ser	Pro	Phe	Xaa	Phe	Phe	Xaa
1				5					10					15	

Ile	Xaa	Xaa	Phe	Leu	Lys	Ile	Gly	Pro	Xaa	Xaa	Phe	Xaa	Phe	Lys	Xaa
			20					25					30		

Phe	Leu	Lys	Lys	Lys	Asn	Phe	Asn	Cys	Phe	Xaa	Xaa	Lys	Ile	Xaa	Pro
		35					40					45			

Pro	Phe	Lys	Xaa	Phe	Ser	Pro	Xaa	Arg	Phe	Phe	Pro	Xaa	Xaa	Phe	Xaa
	50					55					60				

Lys	Lys	Ile	Phe	Phe	Phe	Lys	Lys	Phe	Xaa	Phe	Phe	Gly	Gly	Phe	Phe
65					70					75				80	

Xaa	Phe	Xaa	Pro	Ser	Leu	Ser	Pro	Asn	Phe	Xaa	Phe	Asn	Pro	Xaa	Phe
				85					90					95	

6585

Phe Pro Pro Lys Ile Ser Pro Ser Pro Phe Pro Gln Lys Phe Pro Pro
100 105 110

<210> 7380

<211> 83

<212> PRT

<213> Homo sapiens

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<400> 7380

Pro	Trp	Asp	Arg	Asp	Val	Gln	Leu	Ser	Lys	Ala	Leu	Ser	Tyr	Ala	Leu
1				5					10					15	

Arg	His	Gly	Ala	Leu	Asn	Trp	Gly	Phe	Pro	Trp	Xaa	Leu	Val	Pro	Xaa
		20						25					30		

Leu	Glu	Leu	Met	Pro	Leu	Xaa	Thr	Pro	Xaa	Ala	Leu	Pro	Pro	Xaa	Leu
		35					40					45			

Xaa	His	Gly	Thr	Phe	Trp	Asn	Thr	Gly	His	Pro	Ser	Tyr	Ser	Xaa	Ala
	50					55					60				

Cys	Pro	Ala	Arg	Glu	Gly	Pro	Thr	Phe	Xaa	Leu	Xaa	Xaa	Glu	Xaa	Pro
65					70					75					80

Gly Lys Pro

<210> 7381

<211> 20

<212> PRT

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<400> 7381

Arg	His	Glu	Val	Thr	Ser	Leu	Glu	Phe	Phe	Phe	Phe	Phe	Leu	Xaa	Leu
1					5				10					15	

Asn	Xaa	Phe	Xaa
			20

<210> 7382

<211> 69

<212> PRT

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<400> 7382

Val	Gln	Met	Asp	Ser	Ile	Tyr	Val	Val	Leu	Asn	Asn	Asn	Leu	Gly	Cys
1					5					10				15	

6588

Leu Gln Thr Leu Gln Phe Ile Ile Phe Pro Tyr Lys Gln Asp Gly Leu
 20 25 30
 Gly Phe Ser Ser Ser Thr Xaa Ser Ile Xaa Pro Thr Xaa Phe Xaa Tyr
 35 40 45
 Ser Trp Ser Lys Lys Ile Thr Cys Phe Phe Phe Phe Lys Trp Ala Arg
 50 55 60
 Asn Xaa Phe Phe Phe
 65

<210> 7383

<211> 61

<212> PRT

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<400> 7383

Ile Arg Gly Ser Leu Ala Leu Glu Tyr Xaa Xaa Leu Xaa Lys Glu Met

6589

1	5	10	15
Arg Leu Gly Thr Leu Met Ser Gln Asn Leu Phe Ala Gln Xaa Leu Gly			
20	25	30	
Arg Thr Ala Leu Leu Thr Leu Gly Cys Thr Thr Trp Leu Lys Phe Ser			
35	40	45	
Pro Pro Thr Ser Leu Glu Cys Pro Pro Xaa Ser Pro Xaa			
50	55	60	

<210> 7384

<211> 24

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<400> 7384

Val Pro Phe Pro Xaa Gly Glu Ile Pro Pro Leu Leu Lys Phe Arg Asn
1 5 10 15

Lys Lys Lys Xaa Xaa Arg Ser Lys
20

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<211> 42

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<400> 7385
 Leu Leu Xaa Val Leu Val Asn Gln Xaa Thr Xaa Leu Leu Asn Gln Xaa
 1 5 10 15
 Phe Lys Asn Leu Asn Gly Lys Phe Leu Asp Leu Asn Leu Gly Ser Lys
 20 25 30
 Phe Gly Xaa Pro Phe Pro Xaa Gln Val Ser
 35 40

<210> 7386
 <211> 46
 <212> PRT
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 Glu Pro His Pro Trp Asn Ala Thr Pro Leu Leu Thr Phe Ser Asn Glu
 1 5 10 15

6591

Leu Arg Xaa Leu Lys Gly Arg Asp Tyr Glu Leu Leu Ile Phe Val Ser
 20 25 30

Pro Ser Arg Ala Gln Leu Cys Cys Gly Trp Asp Pro Ser Gln
 35 40 45

<210> 7387

<211> 34

<212> PRT

<213> Homo sapiens

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<400> 7387

Val Gly Thr Arg Gly Gly Pro Val Pro Asn Ser Pro Tyr Ser Glu Ser
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Tyr Tyr Asn Ser Leu Ala Val Val Leu Gln Xaa Xaa Asp Trp Glu Asn
 20 25 30

Xaa Xaa

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<211> 38

<212> PRT

<213> Homo sapiens

6592

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Arg Xaa Xaa Gly Gly Gly Arg Ser Ile Leu Met Asp Arg Pro Gly Trp
1 5 10 15
Met Asn Ala Ala Arg Ala Thr Xaa Leu Pro Xaa Ala Leu Val Gln Thr
20 25 30
Ile Tyr Pro Asn Lys Val
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 Xaa Phe Gln Ala Ser His Asn Phe Xaa Ile Asn Xaa Xaa Asp Arg Thr
 1 5 10 15

Gln Glu Lys Thr Asn Xaa Leu His Gly Gly Ser Asn Phe Pro Phe Ser
 20 25 30

Arg Pro Xaa Leu Lys Xaa Asn Pro Leu Pro Pro Arg Phe Pro Phe Xaa
 35 40 45

Leu Pro Lys Phe
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<400> 7390
 Gly Asn Gly Asp Gly His Pro Cys Arg Cys His Asp Ala Arg Gly Asp
 1 5 10 15
 Lys Gly His Xaa Xaa Xaa Pro Xaa Trp
 20 25

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 <212> PRT
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<400> 7391
 Ser Glu Ala Ser Ala Gly Xaa Asn Xaa Leu Asn Phe Ser Gly Phe Pro
 1 5 10 15
 Gly Cys Arg Asn Ser Ala Arg Gly Pro Pro Gly Pro Pro Xaa Phe Phe
 20 25 30

6595

<210> 7392
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 Arg Ser Gln Pro His His Xaa Xaa Gly Arg Ser Thr Leu Asn Gly Ser
 1 5 10 15

Pro Xaa Leu His Glu Phe Xaa Thr Ser Leu Cys Ile Ala Ser Gln Gly
 20 25 30

Ser Pro Arg Lys Met Ala Glu Leu His Gly Gln Gly Val Leu Thr Pro
 35 40 45

Pro Gln Met Gly Arg Val His Ser Pro Xaa Asp Leu His Ala Gly Arg
 50 55 60

Pro Pro Ala Ala Asp Leu Pro Pro Arg Pro Met Leu His Met Val Gly
 65 70 75 80

Gln Ser Xaa Trp Leu Val Glu Cys Phe Arg Gly Cys Val Tyr Xaa Arg

6597

	85		90		95	
Gly Val Met Cys Glu His His Ser Xaa Lys Arg Gly Leu Leu Lys Gly						
	100		105		110	
Lys Trp Gly Leu Xaa Val Asn Leu Ala Asp Gly Gly Arg Thr Xaa Xaa						
	115		120		125	
Arg Xaa Leu Gly Leu Ser Pro Arg Thr Tyr Ile Leu Leu Pro Ser Leu						
	130		135		140	
Val Ile Ser Pro Ser Leu Pro Pro Arg Gly Ser Cys Xaa Xaa Ile Trp						
	145		150		155	160
Pro Cys Ser Trp Ala Ser Thr Met Xaa Val Tyr Ile Gly Leu Gly Lys						
	165		170		175	

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<211> 91

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Arg Ser Ser Gly Leu Leu Pro Gly Lys Ile Ser Gln Arg Glu Cys Ala
1 5 10 15

Ser Ala Thr Ser Pro Arg Pro Pro Pro Thr Pro Gly Ser Val Val Leu
20 25 30

Ser Leu Pro Gly Pro Ala Ala Arg Pro Pro Arg Ala Pro Ala Val Pro
35 40 45

6598

Leu Ser Leu Ser Pro Asn Leu Ala Leu Pro Gln Thr Cys Pro Val Pro
50 55 60

Val Gly Ser Ser Pro Xaa Gly Asn Trp Leu Trp Asp Arg Met Xaa Phe
65 70 75 80

Xaa Ala Ala Ala Asn Leu Gly Pro Gly Leu Ser
85 90

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<211> 111

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6599

<400> 7394

Ala Leu Ser Arg His Arg His Val Pro Ala Ser Leu Glu Xaa Glu Pro
 1 5 10 15

Arg His Ser Leu Xaa Asp Xaa Asn Phe Gly Xaa Phe Pro Ser Arg Pro
 20 25 30

Ser Leu Arg Leu Leu Pro His Glu Ala Ile Ser Gly Asp Gly Arg Leu
 35 40 45

Gly Gln Arg Gln Val Asn Arg Val Pro Gln Ala Pro Phe Pro His Thr
 50 55 60

Lys Xaa Ala Asp Cys Glu Leu Thr Gly Leu Arg Pro Asn Arg Ser Leu
 65 70 75 80

Ser Ser Ser Cys Leu Leu Xaa Thr Ser Gly Pro Ile Leu Ile Pro Xaa
 85 90 95

Trp Pro Asn Leu Ala Phe Leu Gly Phe Ala Arg Cys Leu Val Cys
 100 105 110

<210> 7395

<211> 55

<212> PRT

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6600

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<400> 7395
 Cys Ala Cys Cys Xaa Val Asn Xaa Xaa Gly Xaa Ile Trp Xaa Lys Tyr
 1 5 10 15
 Pro Xaa Ile Leu Xaa Xaa Ser Ile Lys His Ala Cys Asp Ser Tyr Xaa
 20 25 30

6601

Leu Lys Val Ile Leu Ser Ser Xaa Xaa Ile Ser Gly Xaa Tyr Xaa Leu
35 40 45

Ser Leu Ile Cys Leu Asn Ile
50 55

<210> 7396
<211> 19
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<400> 7396
Leu Leu Ile Xaa Asp Ser Leu Pro Phe Val Leu Asn Lys Ser Xaa Ile
1 5 10 15

Asn Glu Cys

<210> 7397
<211> 46
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6602

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<400> 7397
Leu Thr Asn Gln Gly Phe Xaa Arg Lys Ile Leu Xaa Ser Lys Cys Xaa
1 5 10 15
Ser Ser Pro Gly Leu Tyr Ile His His Leu Leu Asp Ile His Ser Xaa
20 25 30
Val Lys Asn Thr Gly Ile Ile Ile Leu Ile Ser Thr Xaa Xaa
35 40 45

<210> 7398
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Ala Ala Arg Xaa Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15
Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Asn Pro
20 25 30
Lys Xaa

6603

<210> 7399
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 Asn Ile Leu Phe Gly Glu Xaa Gly Ile Tyr Pro Pro Trp Leu Asn Xaa
 1 5 10 15
 Xaa Phe Leu Xaa Arg Phe Ser Trp Lys Xaa Leu Gly Gly Gly Asn Phe
 20 25 30
 Trp Gly Ser Arg Trp Arg Glu Pro Gly
 35 40

<210> 7400
 <211> 35
 <212> PRT
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6604

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<400> 7400

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5				10					15		

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Lys	Thr
			20					25					30		

Gln	Xaa	Xaa
		35

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<211> 22

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<213> Homo sapiens

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<400> 7401

Asp	Trp	Phe	Gly	Cys	Phe	Lys	Ile	Asp	Ile	Val	Val	Gln	Cys	Val	Leu
1				5				10					15		

His	Gly	Gly	Xaa	Arg	Xaa
				20	

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<211> 71

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<400> 7402
 Xaa Ala Trp Ala Lys Cys Val Ile Tyr Arg Ser Gly Ala Arg Ala Glu
 1 5 10 15
 Ser Gly Pro Arg Thr Asp Pro Leu Ser Glu Leu Gly Leu His Gln Gly
 20 25 30
 Phe Gly Ser Gly Leu Asn Val Xaa Leu Ala Ser Ser Cys Arg Ser Thr
 35 40 45
 Gly Arg Leu Leu Ser Gln Gln Leu Arg Thr Pro Arg Thr Ser Glu Ala
 50 55 60
 Cys Ala Ile Ile Xaa Glu Leu
 65 70

<210> 7403
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<400> 7403

Xaa	Xaa	Leu	Pro	Trp	Glu	Xaa	Ser	Gly	Thr	Thr	Gly	Cys	Glu	Leu	Xaa
1				5					10					15	

Arg	Gly	Gly	Gly	Arg	Ser	Arg	Thr	Ser	Gly	Ser	Pro	Gly	Leu	Gln	Glu
			20					25					30		

Phe	Gly	Thr	Arg	Pro	Xaa	Met	Xaa	Gly	Gln
			35				40		

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<211> 32

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<213> Homo sapiens

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<400> 7404

Trp	Xaa	Tyr	Gly	Asp	Leu	Pro	Ala	Xaa	Asn	Phe	Ser	Lys	Phe	Gly	Xaa
1				5				10						15	

Xaa	Gly	Leu	Glu	Xaa	His	Xaa	Arg	Cys	Ala	Ala	Ala	Leu	Xaa	Thr	Ser
		20					25						30		

<210> 7405

<211> 32

<212> PRT

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<222> (23)
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<400> 7405
Xaa Gly Phe Leu Xaa Xaa Met Xaa Lys Ile Arg Glu Xaa Xaa Leu Glu
1 5 10 15
Xaa His Arg Arg Cys Ala Xaa Ala Leu Glu Leu Val Asp Pro Pro Gly
20 25 30

<210> 7406
<211> 33
<212> PRT
<213> Homo sapiens

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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

6609

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<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7406

Glu	Gln	Gly	Xaa	Xaa	Ser	Ser	Thr	Ala	Val	Ser	Gly	Arg	Ser	Arg	Thr
1				5					10					15	

Ser	Gly	Ser	Pro	Gly	Leu	Gln	Xaa	Gln	Thr	His	Ser	Thr	Leu	Leu	Pro
			20					25					30		

Asp

<210> 7407

<211> 52

<212> PRT

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<400> 7407
Xaa Xaa Xaa Trp Asn Ser Thr Xaa Val Ser Gly Arg Ser Arg Thr Ser
1 5 10 15
Gly Ser Pro Gly Leu Gln Glu Phe Glu His Glu Glu Ala Phe Ser Cys
20 25 30
Phe Lys Met Xaa Leu Xaa Ile Ser Phe Pro Ala Thr Gly Cys Gln Xaa
35 40 45
Leu Ile Glu Xaa
50

<210> 7408
<211> 38
<212> PRT
<213> Homo sapiens

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<400> 7408
Ser Xaa Leu Ile Xaa Leu Arg Ala Xaa Ser Lys Arg Leu Leu Ile Ala
1 5 10 15
Ile Asn Ser Asn Leu Lys Ile Met Ala Thr Tyr Tyr Phe Glu Lys Phe

6611

20

25

30

Val Glu Trp Cys Val Leu
35

<210> 7409

<211> 37

<212> PRT

<213> Homo sapiens

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<400> 7409

Ala Trp Phe Leu Ala Leu Thr Ala Lys Xaa Gly Lys Ile Gly Trp Ser
1 5 10 15

Ser Thr Xaa Val Ala Ser Arg Ser Ser Thr Ser Gly Ser Pro Gly Leu
20 25 30

Xaa Xaa Phe Gly Thr
35

<210> 7410

<211> 112

<212> PRT

<213> Homo sapiens

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<222> (94)

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<400> 7410

Leu	Trp	Met	Pro	Leu	Ile	Lys	Gly	Glu	Ser	Ala	Xaa	Glu	Leu	Pro	Ala
1				5				10						15	

Pro	Pro	Gly	Val	Thr	Ala	Val	Gly	Leu	Gly	Leu	Cys	Cys	Lys	Pro	Tyr
		20						25					30		

Ile	Leu	Pro	Cys	Ser	Gly	Lys	Cys	Leu	Ala	Leu	Ser	Leu	Leu	Thr	Ser
		35					40					45			

Gly	Xaa	Pro	Val	Ile	Xaa	Thr	Xaa	Arg	Xaa	Xaa	Arg	Xaa	Val	Gly	Xaa
	50					55					60				

Met	Pro	Xaa	Phe	Leu	Ala	Asp	Ser	Xaa	Leu	Ile	Ser	Val	Val	Leu	Lys
	65				70					75					80

Lys	Asn	Leu	Met	Phe	Leu	Val	Val	Xaa	Phe	Trp	Gly	Gly	Xaa	Gly	Gly
				85					90					95	

Gln	Lys	His	Gly	Gly	Ser	Ser	Glu	Leu	Xaa	Arg	Asn	Val	Ser	Xaa	Ile
			100					105					110		

<210> 7411

<211> 24

<212> PRT

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7411

Ala	Arg	Ala	Glu	Phe	Xaa	Thr	Asn	Xaa	Thr	Phe	Thr	Gly	Xaa	His	Ile
1				5					10					15	

Ile	Ser	Ile	Gln	Gly	Xaa	Ile	Glu
				20			

<210> 7412

<211> 23

<212> PRT

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6615

<400> 7412

Ile Leu Lys Ile Arg Xaa Thr Xaa Pro Ala Xaa Pro Pro Arg Cys Xaa
 1 5 10 15

Ala Ala Leu Gly Ile Ser Gly
 20

<210> 7413

<211> 31

<212> PRT

<213> Homo sapiens

<220>

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7413

Pro His Ser Ala Gln Cys Gly Val Glu Ala Thr Xaa Xaa Xaa Ser Pro
 1 5 10 15

Xaa Pro Arg Asn Thr Xaa Asn Thr Leu Val Leu Ala Lys Ser Ser
 20 25 30

<210> 7414

<211> 45

6616

<212> PRT

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<400> 7414

Tyr	Ser	Ala	Leu	Pro	Ala	Xaa	Xaa	Arg	Glu	Ser	Trp	Xaa	Xaa	Cys	Arg
1				5				10						15	

Tyr	Arg	Ser	Gly	Ile	Pro	Gly	Ser	Thr	His	Ala	Ser	Ala	His	Ala	Ser
			20				25						30		

Val	Ile	Val	Arg	Trp	Ala	Asn	Leu	Leu	Val	Leu	Xaa	Ile
		35					40					45

<210> 7415

<211> 19

<212> PRT

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7415

Pro	Xaa	Asn	Asn	Gly	Phe	Xaa	His	Met	Ile	Lys	Lys	Lys	Lys	Pro	Phe
1				5					10					15	

Thr Asn Xaa

<210> 7416

<211> 57

<212> PRT

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<400> 7416

Arg	Leu	Cys	Glu	Leu	Tyr	Arg	Gln	Asp	Leu	Arg	Ile	Ala	Ser	Pro	Pro
1				5					10					15	

Asn	Glu	Val	Leu	Thr	Leu	Ala	Trp	Val	Leu	Lys	Arg	Pro	Asp	Xaa	Phe
			20					25						30	

Leu Leu Leu Pro Glu Ser Met Gly Leu Gly Leu Pro His Val Trp Gly

6618

35

40

45

Ala Xaa Ala Xaa Trp Glu Xaa Lys Lys
 50 55

<210> 7417

<211> 42

<212> PRT

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<400> 7417

Leu Arg Xaa Pro Ile Arg Lys Ala Gly Thr Pro Ala Arg Thr Gly Pro
 1 5 10 15

Val Ile Xaa Gly Ser Xaa Gln Ala Ser Ala His Xaa Gly Arg Lys Glu
 20 25 30

Asn Pro Xaa Ile Xaa Glu Glu Thr Glu Ser
 35 40

6619

<210> 7418
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<400> 7418

Pro Arg Val Arg Ile Tyr Val Xaa Leu Xaa Val Xaa Xaa Xaa Thr Leu
1 5 10 15

Xaa Xaa Pro Xaa Asn Val Leu Asp Xaa Asn Thr Gln Ser Xaa Asp Ser
20 25 30

His Ser Xaa Lys Ser Leu Val Xaa Pro Tyr Asn Trp Val Phe Trp
35 40 45

<210> 7419

<211> 44

<212> PRT

<213> Homo sapiens

<400> 7419

Ala His Phe Cys Ser Lys Thr Asn Ser Ile Lys Pro Leu Glu Cys Ser
1 5 10 15

Gly Phe Gln His Thr Val His Arg Gln Pro Phe Tyr Gln Lys Leu Ser
20 25 30

Val Phe Pro Met Thr Gly Phe Ser Gly Lys Val Asn
35 40

<210> 7420

<211> 89

<212> PRT

<213> Homo sapiens

6621

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<400> 7420
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 1 5 10 15
 Asn Leu Ile Ser Leu Phe Tyr Phe Arg Ile Ala Leu Leu Ile Thr Phe
 20 25 30
 Leu Pro Trp Lys Leu Thr His Ser Leu Xaa Xaa Leu Arg Met His Pro
 35 40 45
 Met Lys Tyr Phe Arg Ile Glu Lys Lys Glu Met Asn Tyr Leu Asn Ser
 50 55 60
 Pro Glu Xaa Leu Cys Leu Leu Val Xaa Xaa Xaa Arg Leu Asn Ala Ile
 65 70 75 80

6622

Leu Pro Leu Xaa Thr Asp Ala Leu Leu
85

<210> 7421

<211> 26

<212> PRT

<213> Homo sapiens

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<400> 7421

Pro Arg Val Arg Val His Leu Pro Phe Phe Phe Phe Phe Lys Phe Ser
1 5 10 15

Pro Ile Gln Xaa Asn Asn Xaa Xaa Xaa Xaa
20 25

<210> 7422

<211> 81

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7422

Pro	Phe	Tyr	Lys	Lys	Gly	Glu	Lys	Ser	Xaa	Gly	Val	Xaa	Arg	Gly	Pro
1				5					10					15	

Pro	Pro	Gly	Val	Asn	Xaa	Arg	Ser	Arg	Gly	Lys	Phe	Pro	Pro	Gly	Gly
			20					25					30		

Ser	Gly	Asn	Pro	Thr	Ala	Gly	Ser	Arg	Xaa	Asn	Ser	Ile	Leu	Xaa	Xaa
		35					40					45			

Lys	Thr	Pro	Asn	Pro	Asn	Xaa	Asn	Pro	Leu	Lys	Pro	Xaa	Gly	Gly	Ala
	50					55					60				

Leu	Leu	Gln	Ala	Pro	Pro	Xaa	Asn	Trp	Asn	Xaa	Pro	Gly	Xaa	Glu	Pro
65					70					75					80

Asn

<210> 7423

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<400> 7423

Val	Arg	Lys	Gln	Leu	Asn	Leu	Cys	Val	Leu	Leu	Glu	Leu	Gln	His	Pro
1				5					10					15	

6625

Phe Leu Pro Phe His Leu Cys Val His Pro Gln Leu Asn Ala Ser Val
 20 25 30
 Thr Ser Asn Glu Ile Glu Asn Ala Ala Glu Ala Pro Gly Val Xaa Asn
 35 40 45
 Thr Gly Lys Gly Ser Trp Ala Ser Leu Leu Val Trp Glu Arg Thr Ser
 50 55 60
 Ser Pro Thr Leu Leu Ser Pro Ser Phe Trp Ala Ser Tyr Glu Phe Glu
 65 70 75 80
 Ala Phe Asn Lys Leu Tyr Gln Arg Xaa Met Lys Asn Phe Gln Asn Ala
 85 90 95
 Ile Gly Lys Gly Cys Ser Xaa Met Val Ala His Leu Lys Gly Ser Pro
 100 105 110
 Ile Xaa Leu Val Leu
 115

<210> 7424

<211> 55

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7424

Lys	Xaa	Phe	Leu	His	Xaa	Xaa	Leu	Xaa	Asp	Ser	Xaa	Cys	Xaa	Xaa	Gly
1				5					10						15

Asn	Ser	Ser	Phe	Lys	Leu	Phe	Phe	Pro	Thr	Phe	Arg	Leu	Val	Ser	Pro
			20					25					30		

Pro	Asp	Pro	His	Arg	Trp	Ile	Ser	Glu	Xaa	Tyr	Gln	Thr	Gly	Glu	Pro
		35					40						45		

Lys	Lys	Leu	Gly	Leu	Thr	Phe
	50					55

<210> 7425

<211> 54

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7425

Tyr	Ser	Glu	His	Xaa	Gly	Glu	Ser	Xaa	Ile	Lys	Val	Xaa	Arg	Ser	Xaa
1				5					10					15	

Asn	Ile	Xaa	Glu	Xaa	Phe	Gly	Glu	Thr	Asn	Ile	Pro	Leu	Asn	Val	Ser
			20					25					30		

Arg	Thr	Tyr	Lys	Gly	Pro	Arg	Lys	Pro	Xaa	Xaa	Met	Lys	Lys	Asn	Lys
		35					40					45			

Glu	Ile	Gln	Xaa	Pro	Xaa
		50			

6628

<210> 7426
 <211> 33
 <212> PRT
 <213> Homo sapiens

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<400> 7426
 Asp Cys Arg Xaa Leu Ser Pro Phe Lys Lys Trp Xaa Pro Gly Pro Lys
 1 5 10 15

Ser Xaa Xaa Leu Val Arg Asn Ser Arg Val Asp Pro Arg Val Xaa Ala
 20 25 30

His

<210> 7427
 <211> 33
 <212> PRT
 <213> Homo sapiens

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7427

Xaa	Lys	Ser	Pro	Leu	Ile	Asn	Ile	Gly	Xaa	Xaa	Gly	Lys	Phe	Leu	Gly
1				5				10						15	

Glu	Gly	Phe	Ser	Gly	Cys	Xaa	Phe	Leu	Xaa	Gly	Pro	Tyr	Phe	Leu	Arg
			20					25					30		

Val

<210> 7428

<211> 78

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7428

Xaa Xaa Xaa Xaa Tyr Ala Cys Met Tyr Arg Ser Gly Ile Pro Gly Ser
1 5 10 15

6631

Thr His Ala Ser Asp Pro Ser Xaa Leu Lys Phe Ser Cys Tyr Ile Gly
20 25 30
Ile Pro His Xaa Xaa Leu Ser Ser Ile Xaa Gly Trp Met Arg Ala Xaa
35 40 45
Ile Ser Ser Trp Val Xaa Glu Gln Ile His Gly His Thr Phe Tyr Asn
50 55 60
Asp Trp Ser Ser Val Leu Gln Ile Lys Xaa Leu Gln Ser Xaa
65 70 75

<210> 7429

<211> 86

<212> PRT

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6632

<221> SITE

<222> (78)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (83)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7429

Gly Pro Gln Ser Pro Ala Ser Ser Val Phe Leu His Trp Pro Pro Gly
1 5 10 15

Ser Pro Arg Leu Asn Arg Pro Ser Cys Glu Asn His Cys Tyr Arg Cys
20 25 30

Glu Asn Gly Val Leu Gln Ser Ser Gln Arg Arg Xaa Ile Glu Lys Glu
35 40 45

Thr Asp Xaa Met Xaa Asn Xaa Leu Gly Lys Glu Ser Phe His Glu His
50 55 60

Phe Thr Met Leu Pro Xaa Ala Leu Lys Glu Ile Xaa Leu Xaa Leu Phe
65 70 75 80

Ser Gln Xaa Thr Leu Phe
85

<210> 7430

<211> 84

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7430

6633

[illegible]

<210> 7431

<211> 61

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7431

Ile Ile Asn Asn Asn Lys Asn Lys Ala Asn Thr Leu Asp Ile Thr Leu
1 5 10 15

Pro Ser Gly Ala Xaa Lys Lys Val Lys Ala Gly Ile Ser Phe Ser Tyr
20 25 30

Leu Asn Leu Ser Val Leu Ser Gln Gly Ile Phe Ser Glu Asn Arg Trp
35 40 45

Asn Xaa Val Arg Leu Trp Xaa Met Leu Ser Ile Ile Gly

6634

50

55

60

<210> 7432

<211> 53

<212> PRT

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<400> 7432

Arg	Ala	Lys	Gly	Gln	Met	Val	Leu	Pro	Xaa	Pro	Pro	Cys	Xaa	Cys	Gly
1				5					10					15	

Gly	Xaa	Pro	Leu	Ser	Ala	Cys	Xaa	Ala	Leu	Thr	Gly	Asn	Xaa	Leu	Ala
			20					25						30	

Trp	Asn	Leu	Gly	Arg	Gly	Leu	Pro	Ser	His	Pro	Cys	Ser	Ser	Ser	Pro
		35					40					45			

Pro	Thr	Xaa	Asn	Pro
				50

6635

<210> 7433

<211> 54

<212> PRT

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<400> 7433

Pro	Leu	Gly	Gly	Gly	Xaa	Pro	Thr	Gly	Pro	Pro	Phe	Trp	Ala	Xaa	Lys
1				5					10					15	

Lys	Lys	Ile	Xaa	Asn	Pro	Arg	Gly	Gly	Phe	Pro	Xaa	Gly	Gly	Glu	Lys
			20					25					30		

Ile	Phe	Pro	Pro	Pro	Arg	Gly	Gly	Gly	Phe	Pro	Ser	Lys	Xaa	Pro	Gln
			35				40					45			

Thr	Xaa	Pro	Gly	Phe	Pro
					50

6636

<210> 7434
 <211> 78
 <212> PRT
 <213> Homo sapiens

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<400> 7434
 Ala Gly Ala Gly Ile Arg Lys Trp Glu Ala Ala Ala Pro His Pro Pro
 1 5 10 15
 Xaa Ser Phe Arg Pro Leu Leu Xaa Pro Lys Phe Ser Pro Xaa Arg Gly
 20 25 30
 Pro Phe Lys Gly Pro Ala Leu Arg Arg Arg Ala Arg Xaa Arg His Gln
 35 40 45
 Glu Ala Gly Trp Ala Gln Pro Ser Leu Lys Leu Ala Gly Thr Gly Arg
 50 55 60
 Thr Xaa Pro Ser Arg Ala Ser Xaa Arg Lys Gly Asn Arg Ser

6637

65

70

75

<210> 7435

<211> 37

<212> PRT

<213> Homo sapiens

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<222> (27)

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<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7435

Gly	Thr	Leu	Arg	Gln	Ala	Ile	Pro	Ala	Pro	Glu	Ser	Gln	Ile	Trp	Xaa
1				5					10					15	

Ala	Glu	Leu	Leu	Ser	Xaa	Leu	His	Cys	Ser	Xaa	Ile	Ser	Xaa	Ser	Ser
			20					25					30		

Gln	Ser	Cys	Phe	Cys
				35

<210> 7436

<211> 67

<212> PRT

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6638

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<400> 7436
Arg Arg Cys Trp Ser Ser Asp Trp Pro Gly Lys Ile Arg Ala Leu Glu
1 5 10 15
Arg Ser Lys Glu Gln Leu Leu Ser Xaa Arg Ala Gly Gln Lys Phe Val
20 25 30
Leu Gln Ala Arg Thr Pro Glu Val Ser Asp Gly Ala Xaa Xaa Leu Arg
35 40 45
Lys Ala Gly Leu Ala Glu His Ser Gly Leu Thr Gly Ser Gly Pro Leu
50 55 60
Pro His Xaa
65

<210> 7437
<211> 32
<212> PRT
<213> Homo sapiens

<220>
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6639

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<222> (21)

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<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7437

Gly	Val	Val	His	Gly	Xaa	Xaa	Gly	Val	Arg	Thr	Ala	Gln	Thr	Xaa	Leu
1				5				10						15	

Xaa	Val	Ser	Ser	Xaa	Xaa	Xaa	Phe	His	Arg	Ser	Phe	Arg	Xaa	Val	Leu
			20					25					30		

<210> 7438

<211> 77

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7438

Asp	Arg	Gly	Gly	Asn	Thr	Thr	Ala	Leu	Ile	Gln	Val	Glu	Xaa	Thr	Lys
1				5					10					15	

Lys	Arg	Gln	Gln	Leu	Val	Thr	Val	Ala	Arg	Val	Thr	Ala	Thr	Lys	Arg
		20						25					30		

Gly	Cys	Gly	Lys	Gly	Gly	Leu	Ala	Xaa	Leu	Leu	Ala	Ala	Ala	Ala	Tyr
		35					40					45			

Gln	Ala	Ser	Tyr	Glu	Asn	Tyr	Leu	Leu	Arg	Val	Ala	Tyr	Cys	His	Val
	50					55					60				

Xaa	Asp	His	Glu	Gly	Xaa	Xaa	Ala	Leu	Arg	Ser	Ser	Glu
65					70					75		

<210> 7439

<211> 35

<212> PRT

<213> Homo sapiens

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6641

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7439

Gly Gly Pro Cys Asp Ser Asp Thr Xaa Xaa Gln Asp Ile Tyr Glu Phe

1

5

10

15

Lys Xaa Xaa Ile Thr Gln Asp Xaa Ser Trp Ser Thr Leu Arg Ser Ala

20

25

30

Val Tyr Arg

35

<210> 7440

<211> 34

<212> PRT

<213> Homo sapiens

<220>

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<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

6642

<400> 7440

His Tyr Val Ile Ser Ala Gln Cys Ser Glu Cys Gln Met Lys Lys Phe
 1 5 10 15

Asn Glu Thr Pro Val Asn Arg Xaa Xaa Xaa Tyr Asn Pro Leu Xaa Val
 20 25 30

Ser Lys

<210> 7441

<211> 71

<212> PRT

<213> Homo sapiens

<220>

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<222> (40)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7441

Trp Pro Thr Tyr Trp Trp Phe Val Phe Asn Val Val Phe Val Val Cys
 1 5 10 15

Cys Leu Val Thr Gln Gln Leu Gln Trp Leu Ala Thr Gly Val Val Tyr
 20 25 30

Tyr Met Gly Pro Ala Gln Pro Xaa Pro Leu Glu Ala Thr Cys Pro Gln

6643

35 40 45
Ser Ala Arg Xaa Phe Val Leu Val Ala Lys Xaa Asn Asn Val Asn His
50 55 60
Xaa Lys Arg Pro Cys Xaa Leu
65 70

<210> 7442

<211> 50

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6644

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7442

Xaa Ala Gly Lys Ala Xaa Arg Ile Xaa Pro Gly Ile Leu Xaa Ser Thr
1 5 10 15

His Ala Ser Ala Gly Leu Leu Gly Trp Phe Ser Ser Ser Gly Pro Phe
20 25 30

Trp Gly Thr Xaa Xaa Pro Xaa Phe Leu Arg Cys Xaa Phe Pro His Arg
35 40 45

Phe Pro
50

<210> 7443

<211> 65

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7443

Asp Xaa Ala Asn Pro Asp Pro Val Ala Asn Val Tyr Pro Ile Xaa Tyr

6645

1	5	10	15
Pro Arg Ser Xaa Phe Ser Phe Ala Phe Ile Leu Thr Thr Ala Val Xaa			
20	25	30	
Tyr Ser Ala Leu His Val Arg Pro Phe Phe Gly Cys Cys Val Val Trp			
35	40	45	
Gly Ala Val Ala Val Trp Xaa Leu Val Val Ser His Gly Leu Pro Tyr			
50	55	60	
Thr			
65			

<210> 7444

<211> 73

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (59)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7444

Ser Val Xaa Arg Phe Thr Arg Ser Phe Ile Ser Phe Leu Arg Pro Leu
1 5 10 15

Leu Cys Cys Leu Tyr Cys Cys Ile Phe Ala Lys Ala Val Leu Leu Leu
20 25 30

Thr Gly Val Leu Cys Leu Leu Ala Val Thr Leu Leu Tyr Thr Ala Ala
35 40 45

Leu Arg Ser Glu Cys Tyr Ala Ala Ala Asn Xaa Ser Thr Asp Ala Tyr
50 55 60

Ser Thr Leu Val Leu Leu Ala Tyr Val
65 70

<210> 7445

<211> 71

6646

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (61)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (66)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7445

Ala	His	Ala	Thr	Gly	Arg	Xaa	Gln	Leu	Ala	Pro	Pro	Arg	Thr	Gly	Thr
1					5					10					15

Xaa	Ala	Pro	Arg	Leu	Pro	Thr	Xaa	Val	Ala	Asp	Cys	Thr	Cys	Leu	Gly
				20				25					30		

Met	Cys	Leu	Ile	Ser	Xaa	Ala	His	Val	Met	Ala	Arg	Xaa	Ile	Ser	Ser
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6647

35 40 45
 Tyr His Asn Ala Ser Asp Arg Arg Phe Gly Ile Xaa Xaa Arg Arg Leu
 50 55 60
 Gln Xaa Ala Cys Pro Ile Met
 65 70

<210> 7446

<211> 35

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7446

Xaa Phe Val Gly Trp Xaa Arg Trp Asp Thr Gly Xaa Ile Leu Gly Lys
 1 5 10 15

Trp Leu Xaa Thr Phe Leu Ser Arg Ser Tyr Leu Ala His His Val Xaa
 20 25 30

Leu Asn Gly
 35

6648

<210> 7447
 <211> 95
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7447
 Gln Leu Gln Ala Arg Glu Asp Gly Arg Leu Pro Val Gln Gly Ala Asn
 1 5 10 15
 Cys Cys Tyr Tyr Val Asn Glu Arg Trp Asn Gly Arg Gln Arg Lys Lys
 20 25 30
 Arg His Xaa Asn Thr Thr Asp Ile Glu Trp Leu Glu Pro Phe Ala Glu
 35 40 45
 Arg Gly Pro Gly Gly Arg Ala Ala Ala Gln Cys Glu Gln Pro Ile Met
 50 55 60
 Lys Lys Thr Thr Thr Thr Lys Ala Xaa Val Val Gly Thr Leu Trp Ser
 65 70 75 80
 Trp Xaa Gln Leu Gly Asp Lys Lys Thr Phe Trp Ala Thr Gly Arg
 85 90 95

<210> 7448
 <211> 134
 <212> PRT
 <213> Homo sapiens

<220>
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6649

<220>
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<220>
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6650

<400> 7448

Xaa Xaa Asn Xaa Cys Leu Pro Xaa Leu Pro Val Ile Tyr Leu Val Leu
 1 5 10 15
 Tyr Leu Val Leu Tyr Leu Val Leu Phe Thr Leu Leu Phe Leu Leu Phe
 20 25 30
 Ser Val Cys Ser Arg Val Pro Val Ala Glu Leu Thr Leu Arg Arg Arg
 35 40 45
 Val Trp Tyr Val Leu Val Ala Gly Val Ile Pro Ile Val Val Leu Ile
 50 55 60
 Xaa Thr Ala Val Phe Xaa Val Xaa Thr Val Pro Thr Val Ser Ile Pro
 65 70 75 80
 Ala Leu Ala Thr Ala Thr Pro Thr Ala Val Arg Pro Xaa Asn Arg Ile
 85 90 95
 Gly Ser Met Ser Val Gly Arg Gln Ser Leu Phe Cys Xaa Leu Phe Thr
 100 105 110
 Leu Xaa Arg Phe Lys Leu Tyr Glu Val Cys Arg Val Arg Gly Val Ala
 115 120 125
 Asn Ser Ile Ala Thr Xaa
 130

<210> 7449

<211> 39

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7449

His Phe Ser Phe Ser Phe Asn Leu Gln Tyr Leu Trp Arg Ala Ser Arg
 1 5 10 15
 Arg His Gln Ser Thr His Phe Phe Pro Ser Leu Leu Arg Leu Xaa Glu
 20 25 30

6651

Leu Pro Met Asp Xaa Val Arg
35

<210> 7450

<211> 67

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (66)

<223> Xaa equals any of the naturally occurring L-amino acids

6652

<400> 7450

Xaa Arg Xaa Leu Pro Ser Xaa Arg Ala Ile Arg Asn Pro Val Lys Ala
 1 5 10 15

Gly Thr Pro Ala Gly Thr Gly Pro Glu Phe Pro Gly Arg Pro Thr Arg
 20 25 30

Pro Arg Xaa Arg Gly Arg Pro Leu Arg Ser Arg His Xaa Xaa Cys Arg
 35 40 45

Lys Glu His Pro Glu Met Lys Gly His Gln Glu Glu Xaa His Tyr Leu
 50 55 60

Leu Xaa Gln
 65

<210> 7451

<211> 155

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<220>

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<220>

<221> SITE

<222> (131)

6653

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (135)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (142)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7451

Val	Xaa	Ile	Val	Lys	Ala	Gly	Thr	Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe
1				5					10					15	

Pro	Gly	Arg	Pro	Thr	Arg	Ser	Val	Xaa	Asp	Glu	Gln	Glu	His	Tyr	Ile
			20					25					30		

Ser	Asp	Asp	Leu	Asp	Ile	Glu	Thr	Lys	Met	Glu	Glu	Gln	Glu	Lys	Asn
	35						40					45			

Pro	Ala	Ser	Ser	Glu	Leu	Glu	Glu	Pro	Ser	Leu	Val	Cys	Glu	Glu	Asp
	50					55					60				

Glu	Ile	Met	Arg	Ser	Lys	Glu	Ser	Pro	Asp	Leu	Ser	Ile	Xaa	His	Ser
65					70					75					80

Gln	Val	Glu	Gln	Leu	Val	Asn	Lys	Thr	Ser	Glu	Leu	Asp	Met	Ser	Glu
				85					90					95	

Ser	Lys	Thr	Arg	Ser	Gly	Lys	Val	Phe	Gln	Asn	Lys	Met	Ala	Asn	Gly
			100					105					110		

Asn	Xaa	Pro	Val	Lys	Ser	Ser	Lys	Glu	Asn	Arg	Lys	Arg	Xaa	Gln	His
		115					120					125			

Glu	Ser	Xaa	Arg	Ile	Val	Xaa	Leu	Met	Ile	Met	Tyr	Arg	Xaa	Asn	Thr
	130					135					140				

Met	Gly	Arg	Ile	Thr	Asn	Ile	Ile	Thr	Thr	Asp
145					150					155

<210> 7452

<211> 29

<212> PRT

<213> Homo sapiens

<220>

6654

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 <222> (7)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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 <222> (9)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7452
 Ala Val Xaa Phe Leu Xaa Xaa Asn Xaa Thr His Tyr Phe Gly Lys Leu
 1 5 10 15
 Val Pro Pro Ala Gly Thr Gly Pro Glu Phe Pro Gly Arg
 20 25

 <210> 7453
 <211> 27
 <212> PRT
 <213> Homo sapiens

 <220>
 <221> SITE
 <222> (4)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
 <221> SITE
 <222> (9)
 <223> Xaa equals any of the naturally occurring L-amino acids

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 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
 <221> SITE
 <222> (27)

6655

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7453

Val	Asp	Met	Xaa	Trp	Lys	Trp	Ile	Xaa	Thr	Leu	Val	Asn	Glu	Gln	Met
1				5				10				15			

Ile	Xaa	Tyr	Val	Leu	Lys	Met	His	His	Pro	Xaa
			20				25			

<210> 7454

<211> 60

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

6656

<220>

<221> SITE

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (59)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7454

Arg	Xaa	Ile	Leu	His	Pro	Xaa	Xaa	Asp	Arg	His	Leu	Asp	Pro	His	Ser
1				5					10					15	

Pro	Xaa	Ala	Arg	Gly	Gly	Gly	Phe	Pro	Trp	Asp	Val	Lys	Gly	Trp	Pro
			20					25					30		

Leu	Leu	Ser	Pro	Cys	Asn	Xaa	Asn	Val	Asn	Pro	Thr	Glu	Ala	Pro	Ser
		35					40					45			

Arg	Xaa	Pro	Glu	Ser	Trp	Xaa	Xaa	Thr	Asn	Xaa	Val
	50					55					60

<210> 7455

<211> 33

<212> PRT

<213> Homo sapiens

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<222> (4)

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<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7455

6657

Thr Ile Phe Xaa Arg Trp Tyr Pro Leu Gln Val Pro Val Arg Asn Ser
1 5 10 15

Arg Val Asp Pro Xaa Val Arg Phe Xaa Gln Xaa Leu Thr Arg Asp Gly
20 25 30

Lys

<210> 7456

<211> 50

<212> PRT

<213> Homo sapiens

<400> 7456

Val Asn Thr Asp Gly Phe Pro Leu Ile Phe Gln Phe Tyr Val Glu Ser
1 5 10 15

Ser Leu Asp Tyr Lys Phe His Met Leu Leu Gly Val Phe Ser Val Cys
20 25 30

Leu Ile Ala Cys His Trp Lys Val Lys Asn Leu Asp Leu Asp Ile Ile
35 40 45

Lys Ile
50

<210> 7457

<211> 48

<212> PRT

<213> Homo sapiens

<220>

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<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

6658

<400> 7457

Gly Gly Pro Phe Gly Ser Arg Arg Gly Ala Gly Gly Ala Gly Ala Gly
1 5 10 15

Pro Gly Gly Gly Gly Ser Gly Gly Val Ala Lys Trp Leu Arg Glu His
20 25 30

Leu Gly Phe Arg Gly Gly Xaa Gly Xaa Xaa Gly Gly Arg Lys Pro Ala
35 40 45

<210> 7458

<211> 42

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6659

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 <220>
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 <222> (33)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7458
 His Tyr Xaa Gly Xaa Glu Ile Tyr Lys Glu Xaa Lys Tyr Xaa Ser Ile
 1 5 10 15
 Tyr Asn Phe Xaa Lys Arg Phe Asn Val Lys Ile Xaa Trp Ile Cys Xaa
 20 25 30
 Xaa Asn Asn Thr Tyr Arg Tyr Val Leu Cys
 35 40

 <210> 7459
 <211> 20
 <212> PRT
 <213> Homo sapiens

 <220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

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 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
 <221> SITE
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 <223> Xaa equals any of the naturally occurring L-amino acids

6660

<400> 7459

Asp Arg Leu Xaa Xaa Cys Lys Val Asn Lys Xaa Phe Lys Xaa Lys His
 1 5 10 15

Cys Xaa Trp Thr
 20

<210> 7460

<211> 112

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (90)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7460

Pro Thr Arg Ser Gly Ile His Val Glu Ala Thr Pro Ala Ala Ser Ala
 1 5 10 15

Phe Leu Gly Ala Glu Arg Gln Pro Arg Pro Pro Val Pro Ser Pro Pro
 20 25 30

Ser His His Arg Ser Ser Ala Pro Gly Arg Thr Val Trp Pro Leu Pro
 35 40 45

Val Pro Ala Met Gly Ser Gly Trp Thr Pro Trp Ala Pro Pro Ile Ala
 50 55 60

Lys Pro Gly Arg Gln Leu Ser Leu Val Pro Ala Arg Asp Ser Pro Gly
 65 70 75 80

Phe Pro Ser Ile Leu Met Cys Pro Leu Xaa Pro Leu Gln Arg Pro Pro
 85 90 95

Thr Gln His His Arg Pro Gly Leu Leu Gln Thr Ile Asn Tyr Asn His
 100 105 110

<210> 7461

<211> 20

<212> PRT

<213> Homo sapiens

6661

<220>
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<220>
<221> SITE
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (20)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7461
Val Asp Pro Arg Val Arg Xaa Arg Val Gly Xaa Pro Val Leu Leu Xaa
1 5 10 15
Gln Thr Pro Xaa
20

<210> 7462
<211> 105
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
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6662

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7462

Leu	Lys	Phe	Thr	Leu	Arg	Trp	Phe	His	Phe	Leu	Val	Tyr	Lys	Gly	Arg
1				5					10					15	

Val	Ser	Asp	Xaa	Cys	Pro	Val	Ile	Ser	Gly	Thr	Pro	Ser	Gly	Lys	Glu
			20					25					30		

Ala	Glu	Gly	Pro	Ser	Tyr	Gly	Arg	Val	His	Pro	Val	Arg	Pro	Ser	Thr
		35					40					45			

Thr	Lys	Val	Ser	Trp	Phe	Pro	Phe	Leu	Pro	Ser	Tyr	His	Ser	Phe	Pro
	50					55					60				

Gly	Ser	His	Pro	Leu	His	Ile	Gln	Gln	Xaa	Gly	Leu	Thr	Phe	Leu	Cys
65					70					75					80

Xaa	Ser	Trp	Glu	Asn	Thr	Ser	Leu	Leu	Gln	Cys	Lys	Val	Arg	Leu	Asp
				85					90					95	

Lys	Gln	Ala	Gly	Val	Xaa	Glu	Ala	Xaa
			100					105

<210> 7463

<211> 30

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7463

Thr	Phe	Gly	Lys	Ala	Gly	Pro	Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe	Pro
1				5					10					15	

6663

Gly Arg Pro Thr Arg Pro Phe Ala Ser Lys Ala Xaa Arg Xaa
 20 25 30

<210> 7464

<211> 39

<212> PRT

<213> Homo sapiens

<220>

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<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7464

Xaa Xaa Leu Arg Arg Cys Gly Leu Leu Xaa Ile Asp Leu His Xaa Asn
 1 5 10 15

Xaa Tyr Met Thr Xaa Thr Thr Pro Lys Glu Ile Leu Arg Ile Trp His
 20 25 30

Ser Tyr Ser Leu Cys Val Ile
 35

6664

<210> 7465
 <211> 89
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7465
 Phe Leu Tyr His Leu Phe Leu Glu Ala Phe Arg Ser Pro Val Phe Arg
 1 5 10 15
 His Gly Thr Asp Lys Asn Gly Phe Ser Leu Gly Phe Ser Lys Asn Met
 20 25 30
 Arg Gln Val Phe Gly Asp Glu Lys Lys Tyr Trp Leu Leu Pro Ile Phe
 35 40 45
 Ser Ser Leu Gly Asp Gly Cys Ser Phe Pro Thr Cys Leu Val Asn Gln
 50 55 60
 Asp Pro Glu Gln Ala Ser Thr Pro Cys Arg Ala Glu Phe His Ser Leu
 65 70 75 80
 Lys Ser Arg Lys Pro Xaa Ser Xaa Leu
 85

<210> 7466
 <211> 19
 <212> PRT
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6665

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<400> 7466
Ala Xaa Trp Ala Asp Phe Asp Ser Xaa Xaa Xaa Phe Gly Phe Gly Xaa
1 5 10 15
Ser Lys Pro

<210> 7467
<211> 99
<212> PRT
<213> Homo sapiens

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<400> 7467
 Thr Lys Xaa Gly Glu Leu Ile Ser Val Pro Leu Leu Xaa Xaa Gly Tyr
 1 5 10 15
 Val Leu Val Arg Gly Ser Ser Asp Lys Asn Gln Ile Ser Ser Thr Ile
 20 25 30
 Ser Leu Leu Lys Tyr Leu Xaa Xaa Gly Tyr Ser Ile Gly Thr Pro Leu
 35 40 45
 Asp Gly Pro Lys Gly Pro Lys Glu Xaa Xaa Lys Lys Gly Leu Xaa Tyr
 50 55 60
 Xaa Ser Gln Lys Thr Ser Ile Pro Leu Val Pro Val Gly Ile Ser Tyr
 65 70 75 80
 Ser Xaa Lys Trp Ile Leu Lys Lys Thr Trp Asp Lys Xaa Glu Ile Pro

6667

85

90

95

Lys Pro Phe

<210> 7468

<211> 21

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7468

Thr	Ser	Glu	Val	Thr	Leu	Leu	Gly	Ile	Glu	Asn	Ala	Thr	Thr	Trp	Xaa
1				5					10					15	

Pro Xaa Glu Xaa Xaa

20

<210> 7469

<211> 62

<212> PRT

<213> Homo sapiens

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<222> (6)

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6668

<400> 7469

Val Lys Leu Arg Asp Xaa Gly Leu Ser Gly Arg Gly Phe Ala Thr Glu
1 5 10 15

Met Thr Cys Met Trp Gln Pro Pro Glu Pro Glu Asp Met Gln Pro Arg
20 25 30

Ala Glu Ser Glu Ala Asp Pro Leu Arg Ala His Ser Leu Pro Phe Pro
35 40 45

Ser Arg Ile Pro Ser Ser Lys Gln Ala Ile Leu Lys Ser Leu
50 55 60

<210> 7470

<211> 33

<212> PRT

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<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7470

6669

Gln Gly Glu Ser Xaa Leu Thr Thr Xaa Xaa Xaa Trp Pro Ala Glu Gln
 1 5 10 15

Ala Pro Xaa Arg Asn Ser Arg Val Asp Pro Arg Ala Phe His Pro Xaa
 20 25 30

Ala

<210> 7471

<211> 46

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

6670

<400> 7471

Xaa Asn Val Xaa Arg His Ala Leu Arg Xaa Leu Ile His Leu His Xaa
1 5 10 15

Arg Val Ala Pro Ser Lys Leu Glu Ala Xaa Gln Lys Ala Leu Glu Pro
20 25 30

Thr Gly Gln Ser Gly Ile Gly Ser Glu Xaa Ala Xaa Leu Pro
35 40 45

<210> 7472

<211> 77

<212> PRT

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6671

<400> 7472

Ala Ala Glu Cys Arg Gly Met Glu Gly Glu Pro Pro Trp Glu Gly Ala
 1 5 10 15

Arg Gly Leu Ala Glu Gln Leu Gly Gly Val Arg Glu Val Arg Arg Cys
 20 25 30

Pro Gly Gln Gly Ala Xaa Ala Leu Met Xaa Asp Ser Ser Xaa Gln Ser
 35 40 45

Xaa Gly Ala Met Arg Thr Ala Xaa Ala Xaa Glu Ser Gly Val Ala Ser
 50 55 60

Pro Pro Gln Ala Val Leu Ala Thr Gln Xaa His Tyr Pro
 65 70 75

<210> 7473

<211> 22

<212> PRT

<213> Homo sapiens

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<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7473

Leu Phe Thr Xaa Xaa Asp Ala Phe Arg Tyr Leu Ala Leu Met Trp Glu
 1 5 10 15

Glu Xaa Ile Asp Leu Xaa
 20

6672

<210> 7474
<211> 91
<212> PRT
<213> Homo sapiens

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6673

<400> 7474

Xaa Ile Asn Gln Lys Asn Xaa Gly Gly Pro Pro Pro Glu Arg Ala Ser
 1 5 10 15

Phe Leu Ala Leu Gly Xaa Gln Xaa Pro Pro Leu Lys Pro Phe Pro Ser
 20 25 30

Phe Gln Pro Tyr Gly Pro Ser Gln Glu Gly Glu Glu Ser Pro Arg Ser
 35 40 45

Xaa Xaa Gly Arg Lys Gln Ala Xaa Pro Trp Pro Pro Thr Gly Phe Lys
 50 55 60

Asn Pro Lys Pro Lys Val Pro Leu Pro Leu Gly Ala Gln Gly Pro Xaa
 65 70 75 80

Ile Xaa Lys Lys Trp Lys Asn Leu Glu Gln Leu
 85 90

<210> 7475

<211> 48

<212> PRT

<213> Homo sapiens

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<222> (1)

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<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7475

Xaa	Ser	Ile	Leu	Xaa	Ile	Pro	Phe	Ile	Xaa	Lys	Ala	Ser	Thr	Pro	Ala
1				5					10					15	

Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Leu	Ser	Val	Xaa	Val
			20					25						30	

Ala	Pro	Ser	Cys	Gly	Leu	Xaa	Xaa	Pro	Val	Xaa	Met	Ser	Ser	Xaa	Arg
			35					40						45	

<210> 7476

<211> 33

<212> PRT

<213> Homo sapiens

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<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7476

Xaa	Asn	Pro	Val	Lys	Ala	Cys	Thr	Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe
1				5					10					15	

Pro	Gly	Arg	Pro	Thr	Arg	Pro	Xaa	Arg	Val	Arg	Pro	Arg	Val	Arg	Pro
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6675

20

25

30

Arg

<210> 7477

<211> 58

<212> PRT

<213> Homo sapiens

<400> 7477

Val Ser Thr Arg Leu Glu Thr Val Met Cys Pro Ala Trp Leu Ala Leu
1 5 10 15

Ala Ser His Ser Ala Leu Cys Val Gln Gly Ala Ser Gly His Ser Asp
20 25 30

Glu Asp Leu Val Thr Ser Ala Gln His Arg Arg Gln Val Glu Glu Asp
35 40 45

Gly Lys Leu Arg Gly Phe Phe Arg Glu Lys
50 55

<210> 7478

<211> 33

<212> PRT

<213> Homo sapiens

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<222> (1)

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<220>

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<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

6676

<400> 7478

Xaa Ser Arg Cys Arg Pro Arg Xaa Leu Val Xaa Leu Thr Trp Glu Pro
1 5 10 15

Leu Leu Tyr Leu Xaa Ala Gly Thr Pro Ala Gly Thr Gly Pro Glu Ser
20 25 30

Pro

<210> 7479

<211> 20

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7479

His Asp Ile Leu Leu Glu Phe Ser Ala His Met Leu Thr Asp Xaa Xaa
1 5 10 15

Xaa Gly Xaa Xaa
20

6677

<210> 7480

<211> 27

<212> PRT

<213> Homo sapiens

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<400> 7480

Pro	Arg	Ser	Phe	Phe	Trp	Gly	Lys	Lys	Lys	Pro	Pro	Ser	Pro	Phe	Phe
1				5					10					15	

Gly	Gly	Lys	Lys	Xaa	Xaa	Xaa	Pro	Leu	Leu	Trp
			20					25		

<210> 7481

<211> 23

<212> PRT

<213> Homo sapiens

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<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7481

6678

Ala Xaa Ala Arg Ser Xaa Pro Phe Leu Gly Ala Trp Leu Met Trp Met
1 5 10 15

Xaa Glu Gly Leu Gly Pro Leu
20

<210> 7482

<211> 80

<212> PRT

<213> Homo sapiens

<220>

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6679

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<222> (80)

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<400> 7482

Ile	Asp	Xaa	Cys	Ser	Leu	Pro	Ser	Xaa	Cys	Pro	Ser	Pro	Gly	Leu	His
1				5					10					15	

Ile	Leu	Thr	Gly	Leu	Xaa	Pro	Phe	Xaa	Gln	Met	Xaa	Val	Phe	Leu	Pro
			20					25					30		

Leu	Phe	Thr	Leu	Gln	Leu	Lys	Phe	Asn	Tyr	Leu	Lys	Xaa	Xaa	Xaa	Tyr
		35					40					45			

Xaa	Ser	Phe	Pro	Trp	Leu	Gln	Thr	Phe	Xaa	Leu	Pro	Leu	Arg	Leu	Lys
	50					55					60				

Leu	Xaa	Phe	Leu	Thr	Val	Tyr	Ser	Val	Gln	Leu	Pro	Thr	Phe	Leu	Xaa
65					70					75					80

<210> 7483

<211> 54

<212> PRT

<213> Homo sapiens

<400> 7483

Ser	Phe	Val	Ile	Gln	Gly	Gly	Gln	Glu	Lys	Gly	Tyr	Gly	Ala	Ala	Glu
1				5					10				15		

6680

Leu Ser Asn Ser Leu Arg Gln Glu Lys Arg Lys Glu Lys Met Tyr Ile
 20 25 30

Phe Lys Phe Gln Phe Lys Pro Leu Leu Val Thr Lys Cys Phe Asp Met
 35 40 45

Ile Ser His Thr Lys Ser
 50

<210> 7484

<211> 64

<212> PRT

<213> Homo sapiens

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<222> (14)

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<400> 7484

Gln Lys Lys Glu Leu Arg Ala Val Ser Met Glu Arg Arg Xaa Gly Cys
 1 5 10 15

Leu Ser Trp Leu Ala Leu Ser Leu Ala His Tyr Gln Lys Thr Ser Arg
 20 25 30

Glu Gln Leu Xaa Lys Gly Phe Gly Ile Lys Ile Cys Leu Lys Lys Tyr
 35 40 45

Pro Glu Ile Gly Phe Pro Ile Lys Thr Leu Pro Ile Phe Ser Lys Ile
 50 55 60

<210> 7485

<211> 41

<212> PRT

<213> Homo sapiens

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6681

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<400> 7485
Leu Xaa Arg Lys Tyr Xaa Tyr Tyr Arg Val Ser Trp Tyr Ala Cys Arg
1 5 10 15
Tyr Arg Ser Gly Ile Pro Gly Ser Thr His Ala Xaa Xaa Asp Ala Xaa
20 25 30
Gly Glu Lys Leu Leu Ser Pro Gly Ala
35 40

<210> 7486
<211> 21
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

6682

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7486
Arg Thr Xaa Xaa Gln Asp Leu Arg Arg Glu Ile Asp Leu Pro Lys Arg
1 5 10 15
Asp Arg Phe Xaa Xaa
20

<210> 7487
<211> 20
<212> PRT
<213> Homo sapiens

<220>
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<400> 7487
Ala Asn Ser Xaa Ser Thr Pro Asp Tyr Leu Phe Asp Met Gly Gln Xaa
1 5 10 15
Xaa Glu Tyr Xaa
20

6683

<210> 7488
<211> 13
<212> PRT
<213> Homo sapiens

<220>
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<400> 7488
Met Thr Phe Xaa Thr Ser Xaa Xaa Lys Ala Tyr Arg Xaa
1 5 10

<210> 7489
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<212> PRT
<213> Homo sapiens

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6684

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7489

Ala	Ser	Glu	Xaa	Gly	Glu	Leu	Ile	Pro	Pro	Ser	Lys	Pro	Ser	Leu	Gly
1				5				10						15	

Trp	Val	Gln	Trp	Xaa	Xaa
			20		

<210> 7490

<211> 81

<212> PRT

<213> Homo sapiens

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6685

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<400> 7490
 Cys Tyr Ser Ser Glu Xaa Val Leu Pro Gln Xaa Pro Val Arg Asn Ser
 1 5 10 15
 Arg Val Asp Pro Arg Val Arg Pro Arg Phe Ser Xaa Thr Xaa Leu Tyr
 20 25 30
 Arg Glu Lys Xaa Gly Leu Leu Trp Ala Ser Tyr Ala Glu Xaa Tyr Xaa
 35 40 45
 Arg Xaa Val Arg Lys Ile Met Met His Gln Leu Ser Ser Lys Ser Ser
 50 55 60
 Leu Xaa Leu Phe Thr Ala Leu Xaa Leu Leu Xaa Pro Xaa Ala Asp Gly
 65 70 75 80
 Cys

<210> 7491
 <211> 27
 <212> PRT
 <213> Homo sapiens

6686

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7491
Xaa Cys Leu Tyr Tyr Tyr Ser Pro Ile Ile Xaa His Tyr Glu Ile Met
1 5 10 15
Ile Ile Gln Xaa Asp Ser Lys Xaa Tyr Asn Ile
20 25

<210> 7492
<211> 24
<212> PRT
<213> Homo sapiens

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<220>
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6687

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7492

Glu	Leu	Cys	Leu	Cys	Leu	Leu	Asn	Ile	Xaa	Xaa	Asn	Xaa	Trp	Phe	Thr
1				5					10					15	

Lys	Ile	Xaa	Arg	Lys	Arg	Gly	Lys
				20			

<210> 7493

<211> 82

<212> PRT

<213> Homo sapiens

<220>

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<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7493

Phe	Ser	Ser	Ile	Leu	Ala	Gly	Ser	Glu	Tyr	Ala	Thr	Xaa	Lys	Ile	Glu
1				5					10					15	

Thr	Ser	Lys	Ile	His	Ser	Met	Ser	Arg	Leu	Phe	Thr	Asp	Gly	Val	Thr
			20					25					30		

Lys	Asn	Asn	Glu	Val	Asn	Val	Val	Ala	Ser	Gly	Lys	Asn	Thr	Gly	Gly
	35							40				45			

Ile	Gly	Lys	Gly	Trp	Val	Gly	Gly	Leu	Leu	Phe	Phe	Ala	Phe	Ala	Pro
	50					55				60					

Leu	Ser	Ser	Phe	Val	Leu	Ser	Ser	Asn	Arg	His	Leu	Leu	Phe	Ala	Lys
65					70					75					80

His Met

<210> 7494

<211> 45

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7494

Xaa	Ile	Leu	Xaa	Lys	Leu	Leu	Thr	Ile	Val	Lys	Ala	Gly	Thr	Pro	Ala
1				5					10					15	

Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Arg	Pro	Leu	Pro	Leu
			20					25					30		

Cys	Gln	Val	Trp	Trp	Lys	Xaa	Gly	Gln	Xaa	Xaa	Lys	Asn
		35					40					45

<210> 7495

<211> 18

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6689

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7495

Asp	Leu	Tyr	Tyr	Xaa	Xaa	Ser	Trp	Tyr	Xaa	Cys	Arg	Tyr	Arg	Ser	Gly
1				5				10						15	

Ile Pro

<210> 7496

<211> 68

<212> PRT

<213> Homo sapiens

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<222> (3)

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6690

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (57)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7496

Ser	Pro	Xaa	Trp	Asp	Xaa	Cys	Xaa	Xaa	Arg	Ser	Gly	Xaa	Pro	Gly	Ser
1				5					10					15	

Thr	His	Ala	Ser	Ala	His	Ser	Val	Leu	Glu	Phe	Phe	Ser	Phe	Glu	Ser
		20						25					30		

Tyr	Val	Gly	Gly	Leu	Xaa	Asp	Tyr	Val	Ser	Ile	Lys	Leu	Met	Gly	Leu
		35					40					45			

Xaa	Gly	Ala	Pro	Xaa	Glu	Ser	Xaa	Xaa	Val	Leu	Asp	Asn	Leu	Leu	Ser
	50					55					60				

Ala	Leu	Leu	Cys
65			

<210> 7497

<211> 94

<212> PRT

<213> Homo sapiens

<400> 7497

Leu	Ala	Cys	Phe	Tyr	Asn	Phe	Ile	Phe	Gln	Ile	Leu	Thr	Thr	Thr	Ala
1				5					10					15	

Phe	Arg	Val	Val	Ile	Leu	Leu	Phe	Leu	Lys	Gln	Glu	Ile	Thr	Ile	Cys
		20						25					30		

Ile	Cys	Thr	Cys	Val	Leu	His	Met	Asn	Tyr	Gly	Ile	Leu	Gly	Lys	Cys
	35						40					45			

Phe	Ser	Phe	Thr	Cys	Glu	Asn	Ser	Glu	Ser	Trp	Ser	Lys	Leu	His	Cys
	50					55					60				

6691

Ile Pro Asn Cys Ala Leu Ile Tyr Tyr Leu His Arg Val Leu Phe Asn
65 70 75 80

Gln Ile Ala Cys Phe Ser Phe Ile Ile Val Ser Phe Leu Leu
85 90

<210> 7498

<211> 47

<212> PRT

<213> Homo sapiens

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<222> (1)

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 7498

Xaa Pro Xaa Glu Thr Pro His Ser Xaa Xaa Gly Lys Leu Ala Arg Leu

6692

1	5	10	15
Gln Val Pro Val Arg Asn Ser Arg Val Asp Pro Arg Phe Arg Arg Ser	20	25	30
Leu Pro Leu Val Lys Glu Gly Val Xaa Pro Glu Ser Xaa Xaa Ser	35	40	45

<210> 7499

<211> 60

<212> PRT

<213> Homo sapiens

<220>

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7499

Glu Phe Ala Leu Arg Ser Ala Ser Ile Leu Leu Ala Ser Xaa Cys Ile	1	5	10	15
---	---	---	----	----

Ala Phe Val Ile Arg Arg Thr Asn Ser Arg Leu Asn Met Lys Gly Phe	20	25	30
---	----	----	----

Ser Ser Val Ser Ser Lys Lys Ala Ser Leu Ser Ser His Leu Thr Ser	35	40	45
---	----	----	----

Asn Ser Phe Pro Val Cys Gln Leu Gln Ser Gln His	50	55	60
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<210> 7500

<211> 43

<212> PRT

<213> Homo sapiens

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<220>

6693

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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7500
 Val Leu Ile Ile Leu Arg Gln Arg Trp Val Glu Phe Glu Asn Asn Xaa
 1 5 10 15
 Asn Xaa Pro Phe Val Ile Xaa Pro Phe Thr Met Leu Cys Gln Lys Ile
 20 25 30
 Arg Ile Ser Ile Leu Gly Xaa Xaa Ile Thr Met
 35 40

<210> 7501
 <211> 35
 <212> PRT
 <213> Homo sapiens

<220>
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6694

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<220>
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<222> (34)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7501
Xaa Leu Asp Asn Pro Xaa Ser Lys Gly Arg Arg Gln Arg Gln Ala Glu
1 5 10 15
Glu Ala Glu Ala Xaa Glu Gly Ala Xaa Glu Lys Gly Xaa Glu Gly Leu
20 25 30
Asn Xaa Gly
35

<210> 7502
<211> 36
<212> PRT
<213> Homo sapiens

<220>
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (30)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7502
Arg Pro Pro Ala Gly Thr Gly Pro Glu Phe Pro Gly Leu Pro Xaa Arg
1 5 10 15

6695

Xaa Phe Lys Pro Tyr Asn Lys Leu Lys Asn Arg Xaa Thr Xaa Asn Glu
20 25 30

Asn Pro Glu Asn
35

<210> 7503

<211> 52

<212> PRT

<213> Homo sapiens

<220>

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<220>

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6696

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7503

Lys Gly Arg Lys Xaa Gln Asp Arg Ser Gly Ile Pro Gly Ser Thr Pro
1 5 10 15

Leu Pro Arg Thr Xaa Phe Lys Xaa Ala Thr Xaa Ser Leu Glu Leu Gly
20 25 30

Ala Thr Leu Xaa Xaa Ala Leu Xaa Ser Ile Xaa Leu Tyr Gly Thr Xaa
35 40 45

Val Tyr Gln Ile
50

<210> 7504

<211> 23

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7504

Phe Xaa Thr Gln Gly Xaa Ala Gly Pro Gly Gly Ala Leu Gly Ser Lys
1 5 10 15

Pro Ala Xaa Gln Asp Asp Glu
20

6697

<210> 7505

<211> 116

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (116)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7505

Trp	Gly	Phe	Val	Ser	Ala	Pro	Arg	Lys	Trp	Arg	Arg	Gly	Pro	Trp	Arg
1				5					10					15	

Pro	Leu	Pro	Arg	Gly	Gln	Arg	Arg	Thr	Pro	Ser	Pro	Pro	Leu	Gly	Ala
			20					25					30		

Pro	Ala	Ala	Gly	Pro	Ala	Pro	Pro	Pro	Ala	Pro	Ser	Leu	Thr	Arg	Leu
		35					40					45			

Ser	Pro	Pro	Leu	Xaa	Pro	Leu	Glu	Thr	Leu	Ala	Ile	Leu	Phe	Arg	Gly
	50					55					60				

Leu	Leu	Asp	Arg	Pro	Cys	Tyr	Leu	Gln	Arg	Val	Cys	Arg	Ala	Arg	Glu
65					70					75					80

6698

Thr Arg Asp Arg Arg Pro Xaa Ser Gly Xaa Ser Trp Gly His Leu Gly
85 90 95

Lys Asp Ala Asp Ala Ser Leu Glu Leu Ala Leu Ala Xaa Gly Ser Xaa
100 105 110

Phe Thr Ala Xaa
115

<210> 7506

<211> 32

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

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<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (13)

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<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

6699

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7506

Arg	Pro	His	Xaa	Lys	Asn	Xaa	Xaa	Lys	Xaa	Pro	Leu	Xaa	Val	Pro	Val
1				5				10					15		

Arg	Xaa	Xaa	Arg	Asp	Val	Pro	Arg	Asp	Leu	Phe	Lys	Arg	Lys	Xaa	Asn
			20					25					30		

<210> 7507

<211> 109

<212> PRT

<213> Homo sapiens

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<222> (88)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (91)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (106)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7507

Gly	Pro	Pro	Pro	Arg	Cys	Cys	Ser	Pro	Arg	Asn	Ser	Thr	Ala	Phe	Glu
1				5				10					15		

6700

Tyr Leu Glu Glu Phe Pro Ile Gln Met Leu Ala Gln Leu Glu Thr Leu
 20 25 30
 Thr Gly Arg Lys Ala Lys His Gly Leu Phe Ala Ser Thr Trp Asn Met
 35 40 45
 Ala Glu Ile Ser Leu Ala Pro Thr Arg Thr Ser Ser Leu Met Thr Gly
 50 55 60
 Leu Trp Gly Thr Gln Lys Met Pro Gly Ser Leu Thr Phe Phe Ile Leu
 65 70 75 80
 Xaa Ser Thr Thr Ile Asp Thr Xaa Pro Pro Xaa Ser Arg Ser Leu Pro
 85 90 95
 Ser Pro Thr Xaa Gly Leu Leu Lys Thr Xaa Arg Cys Lys
 100 105

<210> 7508
 <211> 57
 <212> PRT
 <213> Homo sapiens

<400> 7508
 Asn Val Ile Ser Ser Cys Asn Gln Tyr Lys Val Ile Lys Met Phe Ser
 1 5 10 15
 Cys Gln Ile Leu Asn Leu Val Cys Asn Phe Ile Leu Ser Thr Ser Gln
 20 25 30
 Ala Ile Cys Gln Met Leu Gly Ser Arg Met Trp Leu Gly Asp Tyr Arg
 35 40 45
 Met Gly Gln Cys Arg Ser Arg Ile Trp
 50 55

<210> 7509
 <211> 18
 <212> PRT
 <213> Homo sapiens

<220>
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6701

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7509

Xaa	Phe	Lys	Asn	Arg	Thr	Ser	Thr	Thr	Arg	Tyr	Gly	Xaa	Xaa	Leu	Lys
1					5				10					15	

Lys Gln

<210> 7510

<211> 43

<212> PRT

<213> Homo sapiens

<220>

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<222> (9)

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<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7510

Ala	Ser	Asn	Lys	Leu	Ala	Leu	Lys	Xaa	Ile	Lys	Gln	Lys	Tyr	Asn	Tyr
1				5					10					15	

6702

Lys Glu Lys Leu Ala Asn Xaa His Leu Gln Trp Glu Asn Cys Ile Xaa
20 25 30

Leu Ser Xaa Asn Xaa Arg Thr Ser Lys Gln Asn
35 40

<210> 7511

<211> 32

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

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<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7511

Ala Ala Xaa Lys Ser Gly Xaa Asn Xaa Arg Gly Leu Ser Leu Val Ala
1 5 10 15

His Ile Trp Tyr Leu Ile Gly Tyr Lys Leu Glu Leu Phe Ala Asn Xaa
20 25 30

<210> 7512

<211> 17

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Xaa

<210> 7513
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 20 25 30
 Phe Ala Xaa Pro Xaa Xaa Gly Xaa Pro Arg Xaa Gly Ser Lys Lys Arg
 35 40 45
 Thr Xaa Arg Thr Gly Thr Gln Thr Xaa Thr Xaa Xaa Asn Ala Glu Arg
 50 55 60
 Gly Xaa Xaa Thr Ser Xaa Ala Ser Pro Arg Xaa His Xaa His Xaa Ser
 65 70 75 80

6707

Xaa Pro Xaa Xaa Xaa Pro Xaa Lys Leu Arg Arg Ala Xaa Arg Thr Xaa
 85 90 95

Ser Arg Pro Ser Gly Ala Lys Gly Met Gln Gly Thr Xaa Pro Gly Tyr
 100 105 110

Gln Xaa Gly Asp Pro Arg Arg Thr Gln Met Lys Gln Xaa Xaa Thr Glu
 115 120 125

Xaa

<210> 7514

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Lys	Lys	Gln	Glu	Thr	Xaa	Pro	Asn	Xaa	Ala	Lys	Asn	Ile	Arg	Ala	Gly
1				5				10					15		

Xaa	Ala	Arg	Xaa	Asn	Gly	Arg	Thr	Asp	Gly	Xaa	Asp	Gly	Asn	Gln	Pro
		20						25					30		

Lys	Ala	Asp	Thr	Gly	Arg	Xaa	Asp	Xaa	Lys	Ala
		35					40			

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Ile	Gly	Lys	Thr	Xaa	Thr	Xaa	Pro	Xaa	Lys	Pro	Leu	Thr	Ile	Phe	Glu
1				5				10					15		

Xaa	Lys	Gly	Pro	Pro	Ala	Gly	Thr	Gly	Pro	Xaa	Phe	Pro	Gly	Arg	Leu
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6709

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<400> 7516
 Pro Asp Pro His Thr Pro Xaa Gly Glu Lys Xaa Pro Xaa Pro Gln Thr
 1 5 10 15

Ile Arg Gln Glu Ile Thr Gln Gly Tyr Thr Glu Lys Ile Tyr Pro Glu
 20 25 30

Arg Tyr Xaa Thr Pro Thr
 35

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<400> 7517

Xaa	Ala	Ala	Ser	Xaa	Glu	His	Arg	Pro	Arg	Thr	Lys	Thr	Arg	Thr	Thr
1				5					10					15	

Gly	Thr	Thr	Pro	Thr	Glu	Leu	Lys	Arg	Arg	Thr	Ser	Arg	Lys	Thr	Xaa
			20					25					30		

Xaa	Thr	Glu	Thr	Xaa	Lys
					35

<210> 7518

<211> 26

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<400> 7518

Val	Ser	Xaa	Xaa	Xaa	Pro	Glu	Asp	His	Xaa	Thr	Ala	Arg	Met	Leu
1			5					10					15	

Met	Val	Ile	Cys	Ile	Lys	Met	Asn	Asn	Phe
			20					25	

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<211> 35

<212> PRT

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His	Asn	Thr	Tyr	His	Arg	Glu	Asn	Arg	Xaa	Ala	Arg	Arg	Xaa	Arg	Ser
1				5					10					15	

6712

Gly Xaa Pro Gly Ser Thr His Ala Phe Xaa Pro Asn Met Ala Gly Gln
20 25 30

Asp Gly Gly
35

<210> 7520

<211> 105

<212> PRT

<213> Homo sapiens

<400> 7520

Leu Gly Lys Lys Ala Glu Gln Leu Ser Ser Arg His Ile Pro Ala Gly
1 5 10 15

Trp Gly Pro His Ser Arg Lys Gly Leu Asp Trp Leu Ser Phe Pro Val
20 25 30

Ala Trp Leu Arg Cys Val Asp Gly Glu Ile Gly Ala Arg Gly Arg Thr
35 40 45

Leu Val Arg Lys Leu Gln Ser Cys Ser Leu Pro Ser Pro Ser Cys Leu
50 55 60

His Gly Ala Ser Gly Gly Leu Trp Ala Ser Ser Asn Arg Gly Trp Trp
65 70 75 80

Ala Pro Arg Ala Asn Gly Val Asp Pro Trp Leu Val Arg Ala Lys Ser
85 90 95

His Arg Leu Leu Leu Gly Lys Gly Phe
100 105

<210> 7521

<211> 67

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<400> 7521

Gly	Met	Ala	Asp	Leu	Leu	Glu	Ser	Ser	Cys	Pro	Phe	Thr	Glu	Ser	Gly
1				5					10					15	

Gly	Thr	Leu	Phe	His	Ser	Ser	Xaa	Thr	Gly	Arg	Cys	Leu	Xaa	Phe	Phe
			20					25					30		

Phe	Leu	Ile	Ser	Leu	His	Arg	Glu	Arg	Glu	Leu	Phe	Pro	Lys	Thr	His
			35				40					45			

Phe	Ile	Phe	Leu	Leu	Ala	Met	Xaa	Ser	Ala	Arg	Val	Lys	Lys	Phe	Leu
	50					55					60				

Lys	Ser	Asn
65		

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<211> 47

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 Xaa Asn Phe Tyr Asp Leu Leu Leu Phe Xaa Lys Xaa Val Pro Leu Xaa
 1 5 10 15
 Val Pro Val Arg Asn Ser Arg Val Asp Pro Arg Val Leu Thr Gly Glu
 20 25 30
 Gly Met Asp Glu Met Glu Phe Thr Xaa Val Gly Cys Xaa Thr Xaa
 35 40 45

<210> 7523
 <211> 35
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<400> 7523

Val Xaa Val Leu Asp Arg Glu Arg Pro Pro Xaa Phe Phe Leu Ile Phe
1 5 10 15

Phe Phe Xaa Phe Phe Gly Ile Ile Asn Ile Ser Phe Glu Met His Ile
20 25 30

Xaa Xaa Glu
35

<210> 7524

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Leu Leu Cys Leu Arg Asn Ser Lys Arg Phe Val Leu Xaa Ala Ser Arg
1 5 10 15

Arg Ile Gly Thr His Met Gly Leu Asp Val Arg Phe Cys Arg Pro Glu
20 25 30

Pro Ser Gln Gly Ser Trp His Val Phe Leu His Leu Cys Arg Leu Thr
35 40 45

Glu Met Ser
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<210> 7525

<211> 80

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 Lys Xaa Gly Glu Ile Trp Gly Gly Xaa Pro Leu Lys Gly Gly Lys Lys
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 Phe Gly Glu Leu Pro Gln Xaa Gln Phe Leu Leu Pro Thr Leu Xaa Phe
 20 25 30
 Xaa Gly Glu Lys Thr Gln Thr Pro Xaa Ile Xaa Gly Gly Xaa Leu Lys
 35 40 45
 Pro Xaa Pro Pro Arg Xaa Xaa Gln Thr Ser Gly Xaa Val Ser Phe Gly
 50 55 60
 Lys Pro Asn Phe Xaa Pro Xaa Val Ser Ile Xaa Xaa Leu Gly Asn Phe
 65 70 75 80

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<400> 7526

Ser Thr Xaa Val Gly Thr Ala Ala Xaa Leu Pro Gly Pro Thr His Ala
1 5 10 15

Ser Gly Gly Arg Thr Pro Glu Pro Trp Ala Leu Leu Gly Met Pro Leu
20 25 30

Asn Pro Val Ser Phe Thr Asp Ser Leu Gly Leu Ser Ser Leu Asp Ser
35 40 45

Arg Pro Pro Thr Val Thr Val Ser Val Phe Phe Ala Ala Glu Leu Val
50 55 60

His Arg Asp Asp Gly
65

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1				5					10					15	

Cys	Xaa	Ser	Leu	Lys	Glu	Xaa	Gln	Leu	Gly	Ile	Gln	Glu	Trp	Lys	Asn
			20					25					30		

Thr	Glu	Ser	Gln	Pro	Phe	Phe	Phe	Leu	Phe	Lys	Thr	Lys	Thr	Lys	Phe
		35					40					45			

Ile	Leu	Gly	Met	Val	Ser	Ser	Xaa	Leu	Glu	Cys	Xaa	Arg	Glu	Lys	Lys
	50						55					60			

Arg	Xaa	Phe	Pro	Arg	His	Tyr	Leu	Lys	Ile	Asn	Ser	Phe	His	Leu	Asn
65					70					75					80

Xaa	Gly	Pro	Xaa	Trp
				85

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<211> 43

<212> PRT

<213> Homo sapiens

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<400> 7528

Gly	Leu	Gln	Glu	His	Pro	Thr	Ser	Val	Leu	Leu	Asp	His	Xaa	Ala	Leu
1				5				10					15		

Asp	Cys	Asp	Pro	Xaa	Arg	Xaa	Phe	Cys	Pro	Ala	Leu	Arg	Thr	His	Ser
			20				25						30		

Ala	Val	Leu	Glu	Asn	Ser	Ala	His	Val	Cys	Arg
	35						40			

<210> 7529

<211> 44

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Xaa	Trp	Leu	Ser	Lys	Pro	Xaa	Cys	Cys	Glu	His	Ser	Gly	Leu	Xaa	Lys
1				5					10					15	

Lys	Pro	Arg	Glu	Asp	Ser	Gly	Xaa	Trp	Thr	Lys	Arg	Ala	Val	Lys	His
			20					25						30	

Ser	Trp	Ala	Cys	Ala	Pro	Arg	Xaa	Pro	Xaa	Leu	Gly
			35				40				

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Gly	Trp	Leu	Lys	Cys	Thr	Thr	Leu	Arg	Xaa	Xaa	Asn	Gln	Xaa	Thr	Leu
1				5					10					15	

Xaa Ala

<210> 7531

<211> 36

6722

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Xaa Leu Gln Ala Leu Asn His His Val Gln Pro Arg Ile Ser Leu Xaa
1 5 10 15
Ser Leu Val Glu Gly Leu Phe Leu Arg Xaa Glu Leu Thr Gln Xaa His
20 25 30
Met Leu Ile Xaa
35

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 <400> 7532
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 1 5 10 15
 Gln Lys Ser Val Phe Asp Glu Asp Leu Gln Lys Lys Ile Glu Glu Asn
 20 25 30
 Glu Arg Leu His Ile Gln Phe Phe Glu Ala Asp Glu Gln His Lys His
 35 40 45
 Val Glu Ala Glu Leu Xaa Ser Arg Leu Val Thr Leu Glu Thr Glu Ala
 50 55 60
 Xaa Gln His Gln Ala Val Val Asp Gly Leu Thr Arg Lys Xaa Xaa Glu
 65 70 75 80
 Thr Ile Glu Lys Xaa Gln Asn Asp Lys Val Lys Leu Glu
 85 90

 <210> 7533
 <211> 52
 <212> PRT
 <213> Homo sapiens

 <400> 7533

6724

Lys Ile Tyr Leu Pro Cys Leu Lys Phe Val Gly Leu Leu Ile Gln Cys
1 5 10 15

Gly Leu Met Phe Leu Leu Ser Leu Thr Ala Thr Phe Tyr Asn Gln Cys
20 25 30

Arg Ala Trp Ile Trp His Tyr Glu Val Phe Cys Leu Gly Gly Thr Tyr
35 40 45

Arg Arg Ala Thr
50

<210> 7534

<211> 40

<212> PRT

<213> Homo sapiens

<400> 7534

Tyr Ser Phe Tyr Val Cys Tyr Pro Ser Val Ser Ser Pro His Phe Ser
1 5 10 15

Phe Leu Gly Leu Lys Gly Phe Phe Ser Thr Leu Tyr Met Cys Val Val
20 25 30

Ile Phe Gly Phe Cys Tyr Ile Leu
35 40

<210> 7535

<211> 36

<212> PRT

<213> Homo sapiens

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6725

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<400> 7535

Xaa	Glu	Met	Tyr	Ser	Ser	Pro	Ile	Tyr	Lys	Gln	Ile	Leu	Phe	Tyr	Leu
1				5					10					15	

Lys	Xaa	Asn	Xaa	Tyr	Arg	Thr	Ser	Pro	Xaa	Met	Ala	Thr	His	Thr	Val
		20						25					30		

Cys	Val	Ser	His
		35	

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<211> 54

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<400> 7536

Pro	Thr	Asn	Ala	Lys	Thr	Lys	Leu	Phe	Phe	Leu	Tyr	Leu	Phe	Xaa	Ile
1				5					10					15	

Lys	Xaa	Asn	Glu	Lys	Asp	Pro	Phe	Gln	Lys	Gly	Asp	Pro	Glu	Asn	Lys
		20						25					30		

Thr	Asn	Thr	Pro	Val	Phe	Cys	His	Cys	Phe	Ser	Gln	Leu	Ser	Tyr	Leu
		35					40					45			

Lys	Thr	Val	Ile	Pro	Lys
		50			

<210> 7537

<211> 45

<212> PRT

<213> Homo sapiens

6726

<400> 7537

Gly Gly Arg Val Gln Asp Leu Val Val Tyr Lys Ile Gly Phe Leu Ile
1 5 10 15

His Leu Glu Asn Phe Tyr Phe Gly Ile Thr Asp Glu Met Ile Arg Phe
20 25 30

Val Tyr Asp Glu Gly Val Ile Cys Gly His Lys Phe Lys
35 40 45

<210> 7538

<211> 76

<212> PRT

<213> Homo sapiens

<400> 7538

Ile His Arg Ala Ser Thr Trp Val Val Ser Val Pro His Arg Gln Arg
1 5 10 15

Ser Val Pro Leu His Phe Ser Ile Tyr Ser Ser Ser Lys Ile Val Ser
20 25 30

Phe Glu Ile Phe Phe Asn Cys Ile Ile Gly Arg Leu Ile Asn Lys Pro
35 40 45

Glu Arg Arg Lys Asn Asn Glu Val Gly Arg Ala Ser Cys Ser Ala Ser
50 55 60

Gly Leu Tyr Ser Lys Ala Ile Leu Asp Cys Gly Cys
65 70 75

<210> 7539

<211> 34

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6727

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 Pro Pro Glu Asn Thr Thr Ile Phe Gln Ala Gly Thr Pro Xaa Gly Thr
 1 5 10 15
 Gly Pro Glu Phe Pro Gly Arg Pro Ile Xaa Xaa Leu Xaa Lys Lys Lys
 20 25 30

Lys Xaa

<210> 7540
 <211> 90
 <212> PRT
 <213> Homo sapiens

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6728

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<222> (83)

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Lys	Thr	Phe	Gly	Asp	His	Asp	Lys	Phe	Trp	Ile	Lys	Thr	Phe	Cys	Tyr
1					5				10					15	

Phe	Ala	Cys	Lys	Leu	Xaa	Tyr	Xaa	Xaa	Pro	Asp	Trp	Pro	Xaa	Xaa	Gly
			20					25					30		

Thr	Xaa	Ile	Asn	Thr	Cys	Pro	Phe	Xaa	Gly	Phe	His	Thr	Ile	Thr	Thr
			35				40					45			

Ser	Thr	Arg	Asn	Ser	Arg	Trp	Pro	Lys	Leu	Lys	Val	Lys	Ile	Leu	Lys
	50					55					60				

His	Ile	Gly	Phe	Ser	His	Ala	Met	Cys	Trp	Val	Gln	Thr	Met	Leu	Val
65					70					75				80	

Asn	Xaa	Xaa	Xaa	Pro	Met	Val	Met	Thr	Asp
				85				90	

6729

<210> 7541

<211> 116

<212> PRT

<213> Homo sapiens

<400> 7541

Met	Val	Gly	Ile	Gly	Thr	Ser	Asp	Val	Asp	Leu	Asp	Lys	Tyr	Arg	His
1				5					10					15	

Thr	Phe	Cys	Ser	Leu	Leu	Gly	Arg	Asp	Glu	Asp	Ser	Trp	Gly	Leu	Ser
			20					25					30		

Tyr	Thr	Gly	Leu	Leu	His	His	Lys	Gly	Asp	Lys	Thr	Ser	Phe	Ser	Ser
		35					40					45			

Arg	Phe	Gly	Gln	Gly	Ser	Ile	Ile	Gly	Val	His	Leu	Asp	Thr	Trp	His
	50					55					60				

Gly	Thr	Leu	Thr	Phe	Phe	Lys	Asn	Arg	Lys	Cys	Ile	Gly	Val	Ala	Ala
65					70					75					80

Thr	Lys	Leu	Arg	Gly	Arg	Glu	Pro	Gly	Trp	Ser	Pro	Arg	Cys	Cys	Ser
				85					90					95	

His	Arg	Ala	Ser	Val	Phe	Pro	Asn	Leu	Leu	Cys	Met	Leu	Ser	Ala	Ala
			100					105					110		

Ala	Pro	Pro	Ser
			115

<210> 7542

<211> 38

<212> PRT

<213> Homo sapiens

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6730

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7542

Lys Arg Met Lys Asp Lys Val Val Ala Leu Xaa Gln Asp Pro Leu Val
1 5 10 15

Val Thr Xaa Thr Ala Cys Pro Gly Arg Leu Xaa Xaa Thr Glu Cys Leu
20 25 30

Asp Ile Ile Leu Leu Met
35

<210> 7543

<211> 90

<212> PRT

<213> Homo sapiens

<220>

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<222> (80)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7543

His Thr Leu Cys Val Val Leu Gly Lys Leu His Ser Leu Ser Gln Pro
1 5 10 15

Leu Ser Phe Thr Phe Pro Leu Cys Glu Ile Ser Arg Phe Leu Thr Tyr
20 25 30

Leu Tyr Tyr Gly Phe Leu Leu Lys Tyr Asp Glu Ser Cys Arg Leu Ser
35 40 45

Ile Pro Lys Lys Lys Lys Asn Glu Gln Ile Cys Ile His Lys Arg Phe
50 55 60

Tyr Lys Ser Ile Ser Gly Gly His Glu Pro Thr Pro Asp Thr His Xaa
65 70 75 80

Thr Pro Trp Asp Leu Leu Ser Phe Gln Val
85 90

<210> 7544

6731

<211> 98
 <212> PRT
 <213> Homo sapiens

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<220>
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<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (98)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7544

Pro Gly Cys Leu Phe Leu Gln Arg Trp Phe Trp Leu Val Arg Val Leu
 1 5 10 15

Leu Ser Leu Phe Ile Gly Ala Glu Ile Val Gly Glu Cys Val Val Gln
 20 25 30

Pro Met Gly Arg Gly Arg Gly Glu Glu Gly Gly Gly Gln Arg Ala Pro
 35 40 45

Gly Thr Ile Gly Asn Trp Gly Trp Phe Ser Ala Pro Ser Ser His Ser
 50 55 60

Xaa Ala Pro Ser Arg Ala His Phe Leu Ala Leu Thr Met Gln Pro His
 65 70 75 80

Trp Thr Ser Lys Xaa Pro Ser Xaa Leu Gln Cys Pro Thr Phe His Thr
 85 90 95

Thr Xaa

<210> 7545
 <211> 15
 <212> PRT

6732

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7545

Ser	Xaa	Pro	Ser	His	His	Met	Arg	Leu	Phe	Gly	Leu	Leu	Xaa	Ala
1				5				10					15	

<210> 7546

<211> 67

<212> PRT

<213> Homo sapiens

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<222> (61)

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<220>

<221> SITE

<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (66)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7546

Val	Gly	Cys	Ser	Asp	Asp	Phe	Gly	Phe	Leu	Ser	Lys	Asn	Asp	Gly	Ser
1				5				10					15		

His	Thr	Val	Ile	Pro	Ala	Pro	Asn	Cys	Cys	Thr	Glu	Lys	Arg	Val	Asn
		20					25						30		

Ala	Ala	Arg	Val	Gly	Gly	Arg	Trp	Ala	Val	Ser	Trp	Gly	Val	Met	Val
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6733

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      35                                40                                45
Ile Thr Tyr Ala Arg Asp Gln Gly Cys Gly Arg Glu Xaa Xaa Phe Ser
      50                                55                                60
Xaa Xaa Gly
      65

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<210> 7547
<211> 33
<212> PRT
<213> Homo sapiens
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<400> 7547
Leu Asn Leu Ala Arg Asn Lys Asp Leu Ile Ser Val Phe Lys Tyr Ile
  1             5             10             15
Tyr Met Ala Leu Trp Ser Gly Phe Trp Thr Ser Lys Ala Ala Tyr Leu
      20             25             30
Ala
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<210> 7548
<211> 19
<212> PRT
<213> Homo sapiens
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids
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<400> 7548
Phe Cys Thr Leu Ser Thr Thr Gln Ala Gln Ala Gln Gly Arg Thr Xaa
  1                      5          10          15
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6734

Asp Xaa Xaa

<210> 7549

<211> 103

<212> PRT

<213> Homo sapiens

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<222> (10)

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<220>

<221> SITE

<222> (82)

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<222> (86)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (95)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7549

Phe	Ala	Ile	Tyr	Asn	Ser	Ser	Gly	Glu	Xaa	Ile	Asn	Asn	Ile	Lys	Tyr
1				5					10					15	

Tyr	Asp	Gly	Phe	Met	Gly	Gln	Arg	Val	Gly	Ala	Ile	Ser	Cys	Leu	Ala
			20					25					30		

Phe	His	Pro	His	Trp	Pro	His	Leu	Ala	Val	Gly	Ser	Asn	Asp	Tyr	Tyr
		35					40					45			

Ile	Ser	Val	Tyr	Ser	Val	Glu	Lys	Pro	Cys	Gln	Ile	Ser	Gly	Val	Thr
	50					55					60				

Pro	Gly	Pro	Pro	Gly	His	Gly	Arg	Leu	Leu	Tyr	Ile	Val	Lys	Leu	Ser
65					70					75					80

Leu	Xaa	Gly	Ala	Arg	Xaa	Val	Gly	Cys	Cys	Gly	Pro	Ala	Val	Xaa	Thr
				85					90					95	

Val	Gly	Cys	Cys	Leu	Ser	Cys
				100		

6735

<210> 7550

<211> 28

<212> PRT

<213> Homo sapiens

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<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7550

Phe	Arg	Gly	Xaa	Glu	Pro	Gly	Arg	Gln	Ser	Ser	Gly	Xaa	Asp	Leu	Ser
1				5				10					15		

Xaa	Ile	Leu	His	Gly	Cys	Gln	Val	Arg	Val	Xaa	Pro
			20					25			

<210> 7551

<211> 24

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

6736

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<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7551

Ala Xaa Xaa Pro Ala Cys Pro Ser Ser Met Trp Pro Pro Trp Thr Phe
1 5 10 15

Cys Ile Gln Ser Leu Xaa Cys Pro
20

<210> 7552

<211> 40

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7552

Xaa Leu Gln Xaa Asn Leu Ala Thr Ile Trp Lys Ala Gly Arg Leu Gln
1 5 10 15

Val Pro Val Arg Asn Ser Arg Val Asp Pro Arg Val Xaa Gly Arg Val
20 25 30

Gly Tyr Phe Leu Asn Lys Pro Xaa
35 40

6737

<210> 7553
<211> 48
<212> PRT
<213> Homo sapiens

<220>
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<400> 7553
Phe Ile Tyr Leu Tyr Ala Ser Arg Phe Tyr Ser Leu Leu Tyr Ile Cys
1 5 10 15
Tyr Ser Ser Lys Lys Lys Arg Lys Lys Asn Pro Phe Phe Leu Gln Arg
20 25 30
Tyr Xaa Leu Leu Tyr Leu Xaa Ile Thr Asn Leu Asn Met Xaa Thr Glu
35 40 45

<210> 7554
<211> 17
<212> PRT
<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

6738

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7554

Ala	His	Ala	Ser	Gly	Arg	Val	Xaa	Gly	Ile	Lys	Gly	Xaa	Ile	Xaa	Leu
1						5			10					15	

Xaa

<210> 7555

<211> 47

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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6739

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<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7555

Pro	Gly	Phe	Xaa	Gly	Gly	Xaa	Phe	Ser	Xaa	Xaa	His	Phe	Gln	Lys	Pro
1				5					10					15	

Arg	Leu	Gly	Leu	Leu	Gly	Asn	Arg	Gly	Lys	Asn	Pro	Leu	Gly	Gln	Ala
			20					25					30		

Phe	Arg	Phe	Ser	Leu	Ala	Asn	Xaa	Pro	Arg	Gly	Xaa	Xaa	Ala	Pro
			35				40					45		

<210> 7556

<211> 19

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7556

Ala	Phe	Pro	Lys	Gly	Xaa	Ser	Arg	Ser	Cys	Arg	Xaa	Xaa	Arg	Leu	Thr
1				5					10					15	

Arg Pro Leu

<210> 7557

<211> 68

6740

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7557

Val	Leu	Pro	Ser	Tyr	Leu	Gln	Val	Leu	Thr	Leu	Pro	Gly	Xaa	Leu	Pro
1					5				10					15	

Asn	Met	Thr	Leu	Asp	Thr	Val	Ser	Leu	Arg	Leu	Leu	Gly	Tyr	Gln	Asp
			20					25					30		

Gln	Asn	Gln	Glu	Gly	Lys	Arg	Ile	Lys	Ile	Tyr	Arg	Val	Ser	Phe	Arg
		35					40					45			

Val	Leu	Ala	Trp	Ser	Phe	His	Tyr	Gln	Leu	Cys	Lys	Ile	Gly	Ile	Ile
	50					55					60				

Asp	Pro	Ile	Leu
			65

<210> 7558

<211> 59

<212> PRT

<213> Homo sapiens

<220>

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<220>

<221> SITE

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<222> (22)

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6741

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<220>
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<400> 7558
Thr Met Thr Trp Ser Arg Gln Ser Xaa Leu Trp Leu Gly Thr Leu Xaa
1 5 10 15
Pro Thr Ile Asn Asn Xaa Trp Leu Lys Xaa Phe Pro Val Thr Val His
20 25 30
Phe Gln Val Gly Lys Cys Xaa Val Leu Xaa Xaa Phe Phe Phe Ser Asn
35 40 45
Xaa Lys Arg Thr Ile Xaa Leu Lys Lys Lys Lys
50 55

<210> 7559
<211> 91
<212> PRT
<213> Homo sapiens

<220>
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6742

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (77)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (82)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7559
Gly Ser Ala Leu Gly Phe Gln Ser Leu Ser Ala Val Ala Val Pro Phe
1 5 10 15

Ala Gly Thr Ala Gly Ser Pro Gly Pro Leu Arg Ser Thr Arg Ser Cys
20 25 30

Tyr Ala Tyr Arg Gly Arg Ile Cys Arg Ala Ser Pro Arg Val Glu Gly
35 40 45

Pro Leu Gln Val Phe Thr Ala Cys Pro Arg Ser Lys Gly Ser Ser Ala
50 55 60

Arg Xaa Arg Xaa Met Ala Leu Gly Gln Arg Phe Leu Xaa Met Gly Asn
65 70 75 80

Trp Xaa Phe Gly Pro Trp Ala Arg Ala Gly Gly
85 90

<210> 7560
<211> 53
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<213> Homo sapiens

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6743

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 <400> 7560
 Gly Gln Thr Leu Xaa Lys Val Xaa Arg Val Pro Lys Xaa Xaa Trp Glu
 1 5 10 15

 Phe Phe Gln Gly Gly Arg Pro Leu Thr Pro Trp Glu Lys Lys Lys Asn
 20 25 30

 Leu Gly Lys Thr Thr Arg Glu Pro Thr Xaa Gly Gly Leu Xaa Phe Asn
 35 40 45

 Arg Gly Arg Arg Gly
 50

<210> 7561
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<400> 7561

His	Thr	His	Phe	Ile	Asn	Gly	His	Xaa	His	Phe	Asp	Lys	Gly	Gly	Lys
1				5				10					15		

Lys	Phe	Asn	Ser	Xaa	Phe	Xaa	Lys	Val	Gln	Gly	Leu	Gly	Leu	His	Ser
			20				25						30		

Glu	Ser	Leu	Pro	Xaa	Ala	Pro	Thr
		35				40	

<210> 7562

<211> 57

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<400> 7562

Asp	Xaa	Lys	Ser	Ser	Arg	Xaa	Xaa	Xaa	Ala	Gly	Phe	Leu	Gln	Gly	Tyr
1				5					10					15	

Ser	Val	Phe	Asp	Glu	Thr	Gln	Leu	Gly	Met	Thr	Tyr	Ser	Pro	Ser	Pro
			20					25					30		

His	Ser	Tyr	Leu	Ser	Phe	Ile	Lys	Asn	Phe	Ile	Val	Thr	Val	Ser	Met
			35				40					45			

Leu	Pro	Ser	Xaa	Xaa	Xaa	Asn	Pro	Xaa
	50					55		

<210> 7563

<211> 105

<212> PRT

<213> Homo sapiens

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 <400> 7563
 Arg Lys Thr Cys Thr Ile Xaa Ser Gly Lys Val Leu Leu Gly Val Pro
 1 5 10 15
 Val Arg Asn Ser Xaa Val Asp Pro Arg Val Arg Leu Arg Val Arg Ala
 20 25 30
 Ala Ala Glu Ala Met Gly Leu Xaa Xaa Gly Arg Ser Cys Pro Glu Pro

6747

35	40	45
Ala Thr Ala Leu Xaa Gln Xaa Ala Ser Phe Ser Xaa Leu Pro Ser Pro		
50	55	60
Arg Leu Pro Arg Xaa Gly Tyr Pro Gln Pro Gln Pro Gly Ala Gly Glu		
65	70	75
Xaa Ala Xaa Gly Glu Gly Arg Asn Gln Gly Met Ser Ala Gly Arg Ala		
85	90	95
Leu Gly Ala Leu Ser Xaa Thr Xaa Asp		
100	105	

<210> 7564

<211> 43

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6748

<400> 7564

Xaa Xaa Arg Pro Gly Pro Ser Pro Leu Pro His Arg Asp Arg Asp Arg
1 5 10 15
Asp Arg Glu Arg Glu Arg Xaa Glu Arg Ser Arg Glu Arg Asp Lys Glu
20 25 30
Arg Glu Arg Xaa Xaa Ser Arg Ser Arg Xaa Arg
35 40

<210> 7565

<211> 45

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7565

Trp Ile Thr Val Ala Gly Cys Asn Phe Tyr Gln Phe Leu Xaa Leu Leu
1 5 10 15
Ser Gln Asn Pro Phe Ser Gly Lys Gly Asp Pro Ile Asn Phe Lys Asn
20 25 30
Leu Thr Leu Lys His Xaa Leu Ala Met Gly Ala Trp Xaa
35 40 45

<210> 7566

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<400> 7566
Xaa Ser Xaa Arg Ser Met Lys Ala Xaa Thr Pro Cys Arg Val Pro Val
1 5 10 15
Arg Asn Ser Arg Val Asp Pro Arg Val Arg Glu Xaa Cys Gly Asn Leu
20 25 30
Pro Ser Gln Arg Pro Gly
35

<210> 7567
<211> 18
<212> PRT
<213> Homo sapiens

<220>
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6750

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7567

Asp	Leu	Val	Trp	Lys	Pro	Pro	Leu	Ser	Xaa	Gly	Xaa	Xaa	Xaa	Lys	Leu
1				5					10					15	

Xaa Asn

<210> 7568

<211> 90

<212> PRT

<213> Homo sapiens

<220>

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6751

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<400> 7568

Ile	Cys	Arg	Ser	Ile	Ser	Trp	Lys	Pro	Gln	Phe	Phe	Ile	Pro	Xaa	Lys
1				5					10					15	

Lys	Ala	Val	Phe	Arg	Trp	Glu	Arg	Lys	His	Leu	Arg	Leu	Leu	Thr	Phe
			20					25					30		

Gly	Phe	Xaa	Arg	Lys	Ser	Ser	Gln	Trp	Cys	Ser	Asn	Ile	Thr	Arg	Asp
		35					40					45			

Xaa	Leu	Xaa	Xaa	Xaa	Ile	Gly	Xaa	Leu	Lys	Xaa	Glu	Gly	Ser	Pro	Xaa
	50					55					60				

Gln	Thr	Pro	Ser	Ser	Gly	Gln	Xaa	Xaa	Ser	Ser	Pro	Xaa	Gln	Ala	Lys
	65				70					75					80

Cys	Lys	Lys	Ile	Gln	Leu	Gly	Lys	His	Asn
				85					90

6752

<210> 7569
<211> 66
<212> PRT
<213> Homo sapiens

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6753

<400> 7569

Xaa Arg Arg Leu Xaa Val Asp Pro Leu Glu Xaa Thr Xaa Ser Trp Tyr
1 5 10 15

Ala Cys Arg Tyr Arg Ser Gly Ile Pro Gly Ser Thr His Ala Ser Gly
20 25 30

Phe Phe Arg Tyr Ser Ser Phe Ile Leu His Gln Asn Leu Ile Ser Cys
35 40 45

Asn Val Xaa Xaa Trp Pro Arg Ala Xaa Pro Ser Glu Asp Xaa Xaa Glu
50 55 60

Lys His
65

<210> 7570

<211> 75

<212> PRT

<213> Homo sapiens

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6754

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (66)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7570

Xaa	Xaa	Ile	Xaa	Leu	Cys	His	Leu	Tyr	Leu	His	Leu	Pro	Pro	Phe	Thr
1				5					10					15	

Leu	Thr	Asn	Xaa	Phe	Leu	Ser	Cys	Ala	Tyr	Met	Tyr	Ser	Leu	Phe	Pro
			20					25					30		

Asn	Thr	Gly	Ile	Ile	Thr	Ser	Asn	Asn	Tyr	Ser	Ile	Leu	Ser	Leu	Ser
		35						40				45			

Phe	Xaa	Asp	Phe	Pro	Xaa	Trp	Gly	Glu	Glu	Asp	Tyr	Xaa	Leu	Tyr	Lys
	50					55					60				

Asn	Xaa	Asn	Lys	Ile	Phe	Gln	Thr	Cys	Arg	Ile
65					70					75

<210> 7571

<211> 69

<212> PRT

<213> Homo sapiens

<400> 7571

Asn	Arg	Tyr	Asn	Phe	Lys	Ala	Thr	Asn	Leu	Thr	Thr	Arg	Ser	Ser	Ala
1				5					10					15	

Gly	Glu	Gly	Gln	Gly	Gly	Gln	Asn	Arg	Gly	Val	Trp	Leu	Gly	Val	Gly
			20					25					30		

Gly	Val	Lys	Ser	Leu	His	Pro	Ser	Ser	Ile	His	Tyr	Thr	Asn	Ile	Leu
		35						40				45			

Met	Arg	Tyr	Val	Phe	Ile	Lys	Cys	Leu	Gln	Met	Phe	Ile	Thr	Phe	Gly
	50					55					60				

Ser	Glu	Phe	Tyr	Ile
65				

6755

<210> 7572

<211> 99

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7572

Gln	Leu	His	Leu	Leu	Leu	Gly	Lys	Leu	Xaa	Arg	Leu	Gln	Val	Pro	Val
1				5					10					15	

Arg	Asn	Ser	Arg	Val	Asp	Pro	Arg	Phe	Xaa	Gln	Arg	Gly	Glu	Pro	Val
			20					25					30		

Gly	Asn	Xaa	Asn	Ile	Leu	Leu	Tyr	Ile	Tyr	Ile	Tyr	Ile	Phe	Val	Gln
		35					40					45			

Thr	Asn	Arg	Thr	Cys	Arg	Trp	Gly	Ser	Arg	Pro	Trp	Cys	Tyr	Leu	Lys
						55					60				

Lys	Lys	Arg	Leu	Cys	Val	Gln	Met	Asn	Asp	Lys	Leu	Ser	Ala	Ser	Pro
65						70				75					80

Ser	Ala	Pro	Leu	Gln	Ala	Pro	Ala	Gly	Gly	Pro	Val	Ser	Lys	Leu	Met
				85					90					95	

Gln Ser Val

<210> 7573

<211> 59

<212> PRT

<213> Homo sapiens

6756

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7573

Gly His Cys Ser Gly His Pro Gly Ala Gly Ser Leu Val Glu Val Arg
1 5 10 15

Arg Val Asn Leu Val Lys Gly Arg Glu Asp Ser Ser Leu Arg Val Ser
20 25 30

Arg Pro Cys Leu Leu Gly Val His Phe Gly Ser Leu Ala His Pro Gly
35 40 45

Arg Thr Arg Xaa Trp Leu Lys Ala Pro Pro Xaa
50 55

<210> 7574

<211> 30

<212> PRT

<213> Homo sapiens

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

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6757

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<400> 7574
Ala Xaa Lys Cys Thr Xaa Ala Met Gly Gly Phe Ser Ala Lys Xaa Arg
1 5 10 15
Met Ile Xaa Asn Ser Leu Asn Leu Lys Ala Leu Thr Gln Xaa
20 25 30

<210> 7575
<211> 47
<212> PRT
<213> Homo sapiens

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7575
Gly Cys Pro Leu Pro Cys Gly Pro Ser Pro Gly Asp Xaa Pro Val Lys
1 5 10 15
Xaa Ser Ala Val Thr Tyr Xaa Gly Pro Ser Pro Gln Gln Gln Ile Leu
20 25 30
Leu Leu Ala Leu Asp Leu Arg Val Xaa Leu Tyr Pro Ala Ser Arg
35 40 45

6758

<210> 7576
 <211> 83
 <212> PRT
 <213> Homo sapiens

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<400> 7576
 His Xaa Pro Ser Gly Ser Gln Thr Ile Arg Asn Lys Arg Lys Asn Phe
 1 5 10 15
 Leu Pro Leu Ser Pro Arg Gly Tyr Gly Lys Leu Leu Xaa Val His Arg
 20 25 30
 Met Gly Ala Gly Val Ile Leu Ser Xaa Phe Pro Ser Ser Xaa His Ile
 35 40 45
 Leu Asp His Leu Asn Ile Pro Trp Xaa Gly Ser Lys Gly Lys Ser Gly
 50 55 60
 Ile Gly Pro Arg Arg Lys Gln Pro Arg Thr Leu Ser Cys Asn Lys Gln
 65 70 75 80
 Asp Pro Asp

6759

<210> 7577

<211> 44

<212> PRT

<213> Homo sapiens

<220>

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<400> 7577

Arg	Arg	His	Arg	Pro	Asn	Gln	Gly	Glu	Xaa	Arg	Xaa	Thr	Arg	Lys	Gln
1				5					10					15	

Glu	Lys	Thr	Lys	Ser	Glu	Gly	Asp	Arg	Asp	Lys	His	Gly	Xaa	Lys	Xaa
			20					25					30		

Met	Asp	Met	Ser	Ile	Pro	Leu	Thr	Gly	Glu	Glu	Xaa
		35					40				

<210> 7578

<211> 34

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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6760

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<222> (19)
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<400> 7578
Xaa Leu Gly Lys Lys Pro Arg Glu Ala Thr Asn Glu Val Trp Xaa Pro
1 5 10 15
Leu Xaa Xaa Trp Pro Pro Gly Xaa Pro Gly Asn Lys Ala Asn Ala Gly
20 25 30
Ala Met

<210> 7579
<211> 62
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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6761

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7579

Val Lys Ser Ser Leu Asp Thr Leu Met Asp Thr Leu Gly Arg Ala Cys
 1 5 10 15

Pro Lys Leu Leu Xaa Ser Leu Ile Leu Ser Glu Ala Thr Thr Gln Xaa
 20 25 30

Ser Gly Lys Val Gln Lys Ala Gly Ile Phe Tyr Leu Ser Phe Leu Lys
 35 40 45

Gly Phe Lys Phe Xaa Thr Phe Leu Asn Lys Gly Tyr Lys Gly
 50 55 60

<210> 7580

<211> 53

<212> PRT

<213> Homo sapiens

<400> 7580

Gly His Ser Pro Leu Glu Ala Gly Lys Ala Pro His Gln Ala Leu Gln
 1 5 10 15

Phe Leu Thr Gln Glu Val Ala Asp Ser Ser Ala Ser Gly Leu Pro Val
 20 25 30

Pro Ala His Glu Ala Leu Gly Gly Glu Trp Arg Leu Ser Leu Phe Leu
 35 40 45

Leu Ala Leu Glu Ala
 50

<210> 7581

<211> 104

<212> PRT

<213> Homo sapiens

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<222> (71)

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

6762

<220>

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<222> (97)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (99)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7581

Gly	Lys	Ala	Val	Ile	Ser	Arg	Ser	Asn	Val	Ala	Trp	Gly	Arg	Glu	Ser
1				5				10						15	

Pro	Val	Ser	Cys	Ile	Arg	Ser	Leu	Lys	Asn	Asn	Val	Glu	Asp	Leu	Asp
			20				25						30		

Ser	Ser	Pro	Val	Phe	Ala	Val	Pro	Cys	Pro	Gly	Val	Gly	Pro	Ala	Leu
		35					40					45			

Phe	Met	Val	Pro	Arg	Arg	Leu	Pro	Gln	Glu	Gly	Leu	Trp	Thr	Glu	Gly
	50					55					60				

Arg	Ser	Ile	Ser	Ser	Leu	Xaa	Leu	Phe	Leu	Ser	Lys	Lys	Pro	Gly	Leu
65					70					75					80

Thr	Ser	Ile	Leu	Pro	Leu	Xaa	Ser	Gln	Glu	Glu	Cys	Pro	Asp	Pro	Leu
			85						90					95	

Xaa	Leu	Xaa	His	Pro	Phe	Met	Gly
							100

<210> 7582

<211> 62

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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6763

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7582

Xaa	Lys	Ser	Xaa	Leu	Xaa	Phe	Gly	Gly	Lys	Lys	Lys	Ala	Pro	Gly	Phe
1				5					10					15	

Asn	Arg	Pro	Leu	Gly	Gln	Gly	Gly	Xaa	Pro	Arg	Gly	Phe	Pro	Gly	Glu
			20					25					30		

Asn	Phe	Pro	Pro	Gly	Val	Ser	Gly	Thr	Pro	Asn	Gly	Pro	Phe	Pro	Ala
		35					40					45			

Phe	Pro	Ala	Gly	Ile	Thr	Lys	Phe	Lys	Gly	Asn	Gly	Ala	Trp
	50					55				60			

<210> 7583

<211> 80

<212> PRT

<213> Homo sapiens

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<222> (1)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7583

Xaa	Ser	Gln	Ala	Xaa	Gly	Tyr	Leu	Glu	Glu	Glu	Gly	Pro	Trp	Val	Thr
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6764

1	5	10	15
Cys Arg Ala Gly Ser Gly Leu Ala Ala Pro Arg Ala Ala His Leu Gly	20	25	30
Trp Gly Thr Ala Arg Val Ser Arg Thr Trp Arg Ala Val Val Pro Val	35	40	45
Val Arg Val Arg Ile Glu Gly Leu Gly Gly Ser Arg Gly Glu Pro Ala	50	55	60
Leu Ser Pro Ala Xaa Xaa Thr Pro Asp His Gly Gly Leu Gly Pro Gly	65	70	75
			80

<210> 7584

<211> 87

<212> PRT

<213> Homo sapiens

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<222> (1)

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<222> (57)

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<223> Xaa equals any of the naturally occurring L-amino acids

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6765

<222> (72)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7584

Xaa	Xaa	Ile	Leu	Ala	Ser	Ala	Cys	Gly	Ala	Gly	Gly	Thr	Arg	Phe	Pro
1				5				10						15	

Pro	Pro	Arg	Gly	Ser	Ala	Ser	Gly	Leu	Val	Leu	Ser	Pro	Ala	Ala	Pro
			20					25					30		

Cys	Arg	Arg	Ser	His	Arg	Ser	Ser	Tyr	Arg	Arg	Glu	Trp	Arg	Ala	Asp
			35					40					45		

Gln	Gly	Ala	Ala	Gly	Leu	Pro	Ser	Xaa	Ile	His	Val	Ser	Leu	Arg	Xaa
								55				60			

Arg	Gly	Pro	Xaa	Glu	Pro	Ala	Xaa	Met	Pro	Leu	Gly	Leu	Lys	Pro	Thr
								70				75			80

Cys	Ser	Arg	Met	Gln	Asp	His
						85

<210> 7585

<211> 80

<212> PRT

<213> Homo sapiens

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<222> (35)

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<220>

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<222> (69)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7585

Thr Phe Gln Val Phe Leu Asn Leu Ser Met Leu Ser Leu Asn Leu Leu
1 5 10 15

Gln Gly Phe Tyr Asn Cys Arg His Val Ser Xaa Tyr Arg Arg Glu Ala
20 25 30

Val Phe Xaa Ser Cys Ile Phe Leu Xaa Phe Gln Lys Leu Gln Met Xaa
35 40 45

Ile Ile Ser Phe Lys His Cys Leu Asn Ser Asn Trp Lys Ile Thr Ala
50 55 60

Val Ser Pro Thr Xaa Ala Phe Pro Leu Leu Gln Glu Glu Asn Asp Tyr
65 70 75 80

<210> 7586

<211> 23

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7586

Gly Phe Glu Leu Xaa Pro Cys Leu Leu Val Gly Trp Pro Arg Ile Lys
1 5 10 15

Gly Xaa Xaa Trp Pro Phe Lys
20

6767

<210> 7587
 <211> 104
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7587
 Gly Ser Arg Ala Pro Cys Ser Pro Arg Val Leu Pro Trp Val Ser Pro
 1 5 10 15
 Cys Gln Val Phe Arg Glu Cys Pro Pro Thr Pro Ala Pro Phe Cys Val
 20 25 30
 Ala Pro Ala Thr Ser Val Leu Trp Asp Thr Gly Leu Ser Pro Ser Ser
 35 40 45
 Arg Val Leu Val Cys Leu Ser Val Pro Trp Thr Cys Pro Gln Gly Pro
 50 55 60
 Arg Leu Trp Leu Xaa Xaa Pro Xaa Arg Leu Ala Ala Glu Thr Pro Cys

6768

65		70		75		80									
Ala	Arg	Pro	Ala	Xaa	Gly	Ser	Phe	Lys	Glu	Cys	Val	Gly	Asn	Cys	Xaa
			85						90					95	
Thr	Cys	Ile	Xaa	Gly	Thr	Gly	Arg								
			100												

<210> 7588

<211> 65

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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6769

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 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (65)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7588
 Xaa Leu Arg Ile Lys Gly Ser Gly Val Arg Trp Ile Xaa Ala Ile Met
 1 5 10 15
 Leu Xaa Lys Xaa Xaa Leu Xaa Xaa Leu Ala Xaa Lys Ser Thr Gly His
 20 25 30
 Phe Ile Gly Thr Phe Xaa Glu Xaa Met Ile Val Cys Glu Ile Leu Thr
 35 40 45
 His Pro His Xaa Gln Asn Xaa Xaa Cys Pro Trp Ile Xaa Cys Thr Gly
 50 55 60

6770

Xaa
65

<210> 7589
<211> 53
<212> PRT
<213> Homo sapiens

<400> 7589
Leu Leu Ile Gly Arg Phe Ser Phe Tyr Ser Ser Thr Glu Lys Lys Ile
1 5 10 15
Ile Val Ile Ile Ile Arg Gln Cys Ser Val Val Leu Gln Ser Ile Ile
20 25 30
Val Ser Val Leu Phe Cys Phe Leu Arg Cys Leu Glu Asn Gly Glu Cys
35 40 45
Val Thr Val Ser Asn
50

<210> 7590
<211> 63
<212> PRT
<213> Homo sapiens

<400> 7590
Asn Val Leu Val Leu Phe Leu Ser Leu Asp Phe Met Tyr Phe Glu Pro
1 5 10 15
Gln Ile Leu Ser Ser Ser Asp Leu Lys Ile Leu Ser Tyr Thr Gln Ser
20 25 30
Pro Leu Thr Phe Leu Trp Asp Cys Leu Ile Tyr Glu Lys Ser Leu Glu
35 40 45
Lys Ser Leu Ile Glu Thr Phe Arg Phe Arg Asn Thr Cys Thr Ile
50 55 60

<210> 7591
<211> 174
<212> PRT
<213> Homo sapiens

6771

<220>
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 <222> (2)
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 <222> (161)
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 <222> (169)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (173)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7591
 Ala Xaa Arg Gln Leu Leu Val Asp Ser Val Thr Asp Ser Val Leu Gly
 1 5 10 15
 Pro Asn Gly Asp Val Thr Gly Thr Pro His Thr Ser Pro Asp Gly Arg
 20 25 30
 Phe Ile Val Ser Ala Ala Ala Asp Ser Pro Trp Leu His Val Gln Glu
 35 40 45
 Ile Thr Val Arg Gly Glu Ile Gln Thr Leu Tyr Asp Leu Gln Ile Asn
 50 55 60
 Ser Gly Ile Ser Asp Leu Ala Phe Gln Arg Ser Phe Thr Glu Ser Asn
 65 70 75 80
 Gln Tyr Asn Ile Tyr Ala Ala Leu His Thr Glu Pro Asp Leu Leu Phe
 85 90 95
 Leu Glu Leu Ser Thr Gly Lys Val Gly Met Leu Lys Asn Leu Lys Glu
 100 105 110

6772

Pro Pro Ala Gly Pro Ala Xaa Pro Trp Gly Gly Thr His Arg Ile Met
 115 120 125

Arg Asp Ser Gly Leu Phe Gly Gln Tyr Leu Leu His Gln Pro Glu Ser
 130 135 140

His Cys Ser Ser Ser Met Gly Asp Lys Asn Thr Leu Arg Cys Glu Xaa
 145 150 155 160

Xaa Arg Tyr Lys Gly Gly Gly Pro Xaa Trp Cys Trp Xaa Gly
 165 170

<210> 7592

<211> 22

<212> PRT

<213> Homo sapiens

<220>

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<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7592

Gly Glu Asp Asp Glu Glu Asp Thr Gly Val Cys Xaa Leu Xaa Pro Phe
 1 5 10 15

Asp Leu Xaa Tyr Xaa Asp
 20

<210> 7593

<211> 60

6773

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7593

Ile	Leu	His	Phe	Phe	Leu	Leu	Gly	Asn	Ile	Ile	Cys	Gly	Arg	Arg	Gln
1				5					10					15	

Pro	His	Phe	Ile	Cys	Pro	Tyr	Ser	Cys	Gly	Ser	Ser	Ile	Cys	Phe	Leu
			20					25					30		

Pro	Glu	Cys	Ser	Leu	Gly	Leu	Leu	Lys	Xaa	His	Glu	Ser	Asn	Leu	Glu
		35					40						45		

Val	Ser	Leu	Ser	Asn	Lys	Ala	Val	Phe	Leu	Pro	Phe
	50					55					60

<210> 7594

<211> 17

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7594

Xaa	Xaa	Leu	Glu	Ala	Asn	Pro	Glu	Gly	Arg	Xaa	Glu	Asn	Ser	Trp	Ile
1				5					10					15	

Ser

6774

<210> 7595

<211> 105

<212> PRT

<213> Homo sapiens

<400> 7595

Lys Ser Tyr Gly Gly Gly Ser Asn Pro Asp Ser Glu Ser Asn Ser Arg
1 5 10 15

Cys Trp Asn Trp Ala Gly Pro Val Ser Ser Leu Ala Leu Asn Phe Asn
20 25 30

Pro Phe Asn Lys Gly Leu Gly Lys Met Ile Ser Glu Val Leu Ser Ile
35 40 45

Ser Val Gln Leu Ser Leu Glu Gly Gln Val Leu Asp Thr Gln Thr Asp
50 55 60

Asp Gly Thr Ala Gln His Gln Ala Gln Pro Leu Val Gly Ser Val Cys
65 70 75 80

Ala Ala Ala Leu Val Leu Asn Asn Asn Asn Thr Met Val Pro Leu Thr
85 90 95

Glu Ile Tyr Gly Ala Leu Phe Arg Pro
100 105

<210> 7596

<211> 35

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6775

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7596

Thr	Asn	Tyr	Arg	Ala	Leu	Xaa	Ser	Val	Xaa	Ala	Xaa	Ser	Tyr	Gly	Ser
1				5				10					15		

Pro	Asp	Gly	Gln	Gln	Arg	Arg	Ser	Ala	Ser	Met	Arg	Xaa	Leu	Gly	Ala
		20					25					30			

Leu	Val	Pro
		35

<210> 7597

<211> 30

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (9)

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<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7597

Cys	Phe	Thr	Tyr	Ser	Gln	Asn	Cys	Xaa	Asp	Lys	His	Thr	Xaa	Ile	Ile
1				5				10					15		

Val	Ala	Thr	Pro	Trp	Glu	Ile	Ala	Gly	Xaa	Ile	Leu	Leu	Arg
			20					25					30

<210> 7598

<211> 131

<212> PRT

<213> Homo sapiens

<220>

6776

<221> SITE
 <222> (100)
 <223> Xaa equals any of the naturally occurring L-amino acids

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 <222> (114)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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 <222> (121)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7598
 Pro Arg Trp Cys Cys Leu Ala Pro Gly Arg Ile Pro Val Leu Ala Ala
 1 5 10 15
 Ser Arg Gly Leu Gly Cys Arg Leu Ala Gly Ala His Ala Ala Ile Pro
 20 25 30
 Phe Ala Ala Ile Arg Val Thr Cys Ile Gly Ser Cys Gly Val Ser Asn
 35 40 45
 Lys Ala Asn Asp Thr Ala Trp Val Val Glu Glu Gly Tyr Phe Asn Ser
 50 55 60
 Ser Leu Ser Leu Ala Asp Lys Gly Ser Leu Pro Ala Gly Glu His Ser
 65 70 75 80
 Phe Pro Phe Gln Phe Leu Leu Pro Ala Thr Ala Pro Thr Ser Phe Glu
 85 90 95
 Gly Pro Phe Xaa Lys Ile Val His Gln Val Lys Ala Ala Ile Gln Thr
 100 105 110
 Pro Xaa Phe Ser Lys Asp His Lys Xaa Lys Pro Arg Gly Leu Tyr Leu
 115 120 125

 Glu Pro Leu
 130

<210> 7599
 <211> 76
 <212> PRT
 <213> Homo sapiens

<220>
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6777

<222> (62)

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<220>

<221> SITE

<222> (64)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (76)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7599

Pro	Asp	Cys	Cys	Phe	Lys	Gln	Pro	Gly	Ser	Leu	Pro	Ser	His	Trp	Ala
1				5					10					15	

Gly	Thr	Pro	Ser	Trp	Ala	Leu	Gln	Pro	Cys	Pro	Leu	Ala	His	Thr	Met
			20					25					30		

Asp	Arg	Ala	Leu	Ile	Ser	Pro	Trp	Asp	Gly	Val	Pro	Gln	Gly	Gly	Glu
		35					40					45			

Gly	Cys	His	Leu	Gly	Trp	Met	Asp	Asp	Ser	Thr	Val	Pro	Xaa	Leu	Xaa
	50					55					60				

Ala	Leu	Xaa	Lys	Ser	Lys	Leu	Met	Gly	Gln	Xaa	Xaa
65					70					75	

<210> 7600

<211> 62

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

6778

<220>

<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (57)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7600

Gly	Cys	Thr	Ala	Gly	Lys	Ser	Leu	Ser	Lys	Leu	Leu	Ala	Trp	Ser	Pro
1				5					10					15	

Val	Ser	Ser	Pro	Pro	Arg	Gly	Ser	Ser	Pro	Xaa	Phe	Thr	Phe	Pro	Phe
			20					25					30		

Ser	Leu	Ser	Cys	Ala	Glu	Cys	Pro	Thr	Pro	Ala	Leu	Phe	Pro	Phe	Trp
	35						40					45			

Val	Ser	Leu	Leu	Gly	Xaa	Gly	Xaa	Xaa	Val	Ser	Pro	Thr	Gly
	50					55					60		

<210> 7601

<211> 99

<212> PRT

<213> Homo sapiens

<220>

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<222> (11)

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<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6779

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<220>
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6780

<222> (90)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7601

Ser Ser Asp Pro Ile His Pro Ser Ala Val Xaa Thr His Gln Arg Gly
 1 5 10 15

Ala Ala Leu Thr Leu Pro Met Gln Leu Gly Arg Gly Glu Arg Arg Arg
 20 25 30

His Ser Lys Leu Lys Leu Phe Ala Val Ser Ser Xaa Xaa Xaa Lys Pro
 35 40 45

Xaa Xaa Ser Ser Pro Asn Xaa Gly Xaa Lys Ala Lys Ser Xaa Xaa Arg
 50 55 60

Leu Gln Xaa Arg Gly Lys Ala Pro Ser Ala Pro Glu Xaa Pro Xaa Val
 65 70 75 80

Leu Gly Leu Gly Gly Thr Leu Gln His Xaa Leu Leu Trp Thr Pro Glu
 85 90 95

Gly Arg Ile

<210> 7602

<211> 114

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (113)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7602

Pro Ala Ser Cys Pro Thr Gly Ser Pro Ala Val Pro Val His Leu Pro
 1 5 10 15

Ala His Pro Gly Thr Cys Pro His Cys Leu Leu Pro Ala Leu Cys Gly
 20 25 30

Arg Thr Glu Ala Lys Arg Arg Ser Leu Glu Leu Trp Ser His Gly Asn
 35 40 45

Gly Ser Leu Pro Thr Thr His Ala Cys Pro Ala Phe Leu His Ala Leu
 50 55 60

Lys Arg Gly Glu Trp Asn Leu Leu Gly Pro Gly Asn Ala Pro Leu Leu

6781

65		70		75		80									
Arg	His	Ser	Leu	His	Tyr	Ser	Leu	Ala	Ser	Ser	Val	Gly	Asn	Ser	Leu
			85						90					95	
Pro	Ile	Gly	Val	Pro	Arg	Gln	Thr	His	Arg	Glu	Ser	Trp	Gln	Asn	Phe
		100						105					110		
Xaa Phe															

<210> 7603
 <211> 39
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (15)
 <223> Xaa equals any of the naturally occurring L-amino acids

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<220>
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<400> 7603															
Trp	Thr	Asp	Tyr	Gly	Thr	Leu	Arg	Leu	Ala	Cys	Thr	Gly	Ser	Xaa	His
1				5					10					15	
Xaa	Xaa	Glu	Asn	Arg	Ser	Leu	Ala	Leu	Pro	Leu	Pro	Val	Ala	Gly	Leu
		20						25					30		
Thr Ala Cys Pro Pro Ala Cys															
						35									

<210> 7604
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 <212> PRT
 <213> Homo sapiens

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6782

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 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7604
 Thr Tyr His Leu Ala Phe Leu Leu Ala Leu Met Asn Leu Asn Phe Xaa
 1 5 10 15

Pro Asn Val Asp Ala Leu Xaa Xaa Leu Xaa Xaa Glu Pro
 20 25

<210> 7605
 <211> 22
 <212> PRT
 <213> Homo sapiens

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6783

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7605

Ala	Ser	Ser	Arg	Ser	Arg	Ala	Ala	Xaa	Ile	Ser	Leu	Gly	Xaa	Phe	Tyr
1				5					10					15	

Asn	Xaa	Xaa	Phe	Trp	Gly
			20		

<210> 7606

<211> 64

<212> PRT

<213> Homo sapiens

<400> 7606

Ala	Gly	Leu	Thr	Ala	Pro	Ser	Met	Gly	Pro	Ile	Leu	Tyr	Leu	Val	Leu
1				5					10					15	

Ser	Trp	Ser	Lys	Gly	His	Leu	Gln	Cys	His	Lys	Tyr	Pro	Tyr	Ile	Arg
			20					25					30		

Lys	Lys	Met	Ile	Ser	Tyr	Gln	Leu	Ala	Leu	Thr	Asn	Val	Leu	Leu	Ile
		35					40					45			

Glu	Gln	Pro	Thr	His	Ser	Val	Asp	Tyr	Val	Asn	Leu	Ser	Gly	Leu	Leu
		50				55					60				

<210> 7607

<211> 56

<212> PRT

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<222> (5)

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<220>

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<222> (12)
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7607

Gly	His	Ala	Cys	Xaa	Ile	Phe	Gly	Ile	Ser	His	Xaa	Asn	Tyr	Phe	Arg
1				5					10					15	

Leu	Glu	Gln	Val	Ala	Thr	Gln	Leu	Xaa	Thr	Glu	Leu	His	Gln	Arg	Xaa
			20					25					30		

Xaa	Thr	Trp	Met	Xaa	Arg	Asp	Leu	Ala	Ser	Val	Xaa	Xaa	Xaa	Gln	Gln
			35				40					45			

Xaa	Xaa	Xaa	Trp	Ile	Xaa	Leu	Ser
			50			55	

<210> 7608

<211> 92

<212> PRT

<213> Homo sapiens

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<222> (3)

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<221> SITE

<222> (14)

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<222> (27)

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<222> (51)

<223> Xaa equals any of the naturally occurring L-amino acids

6786

<220>

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<222> (69)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7608

Ser Phe Xaa Leu Ile Asn Leu Leu Pro Ile Asn Ala Val Xaa Pro Thr
1 5 10 15

Ser Ser Gln Gln Ile Pro Xaa Arg Glu Thr Xaa Glu Ala Asn Lys Glu
20 25 30

Arg Arg Lys Met Thr Ser Lys Ser Ser Glu Ser Asn Ile Tyr Ser Pro
35 40 45

Leu Thr Xaa Phe Ile Thr Ala Asp Ser Glu Leu His Asp Ile Ile Lys
50 55 60

Asp Leu Glu Asp Xaa Leu Met Val Gly Leu His Thr Cys Gly Asp Leu
65 70 75 80

Gly Ser Lys Tyr Phe Ala Asn Ile Tyr Leu Gln Leu
85 90

<210> 7609

<211> 58

<212> PRT

<213> Homo sapiens

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<222> (7)

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<222> (19)

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<222> (39)

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<223> Xaa equals any of the naturally occurring L-amino acids

6787

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<221> SITE

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7609

Pro Lys His Ile Asn Leu Xaa Thr Asp Leu Thr Ser Asp Gln Gly Gln
1 5 10 15

Asp Pro Xaa Trp Glu Val Ile Leu Asp Tyr Thr Ser Leu Leu Trp Ser
20 25 30

Gly Cys Lys His Cys Ser Xaa Ser Glu Cys Gly Phe Thr Leu Asn His
35 40 45

Pro Xaa Tyr Thr Gly Leu Ile Xaa Cys Leu
50 55

<210> 7610

<211> 15

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7610

Leu Trp Xaa His Xaa His Xaa Lys Asn Ile Ala Trp Lys Lys Lys
1 5 10 15

<210> 7611

<211> 79

<212> PRT

<213> Homo sapiens

6788

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<400> 7611
Ser Val Thr Glu Gly Arg Leu Cys Xaa Val Ser Cys Ile Phe Leu Phe
1 5 10 15
Phe Gln Lys Leu Gln Met Phe Ile Ile Ser Phe Lys His Cys Leu Asn
20 25 30
Ser Asn Trp Xaa Ile Thr Ala Val Xaa Arg Arg Gly Leu Ser Leu Tyr
35 40 45
Phe Met Arg Arg Met Thr Thr Asn Leu Glu Glu Arg Ser Tyr Tyr Xaa
50 55 60
Thr Gln Asp His Gln Ser Met Cys Arg Thr Leu Ser Xaa Leu Ile
65 70 75

<210> 7612
<211> 28
<212> PRT
<213> Homo sapiens

<220>
<221> SITE